Fig. 1A. Comparison of IPA between ddH_20 and 15-mer ssDNA (8 pmoles/500 ul) at 9V with increasing temperature

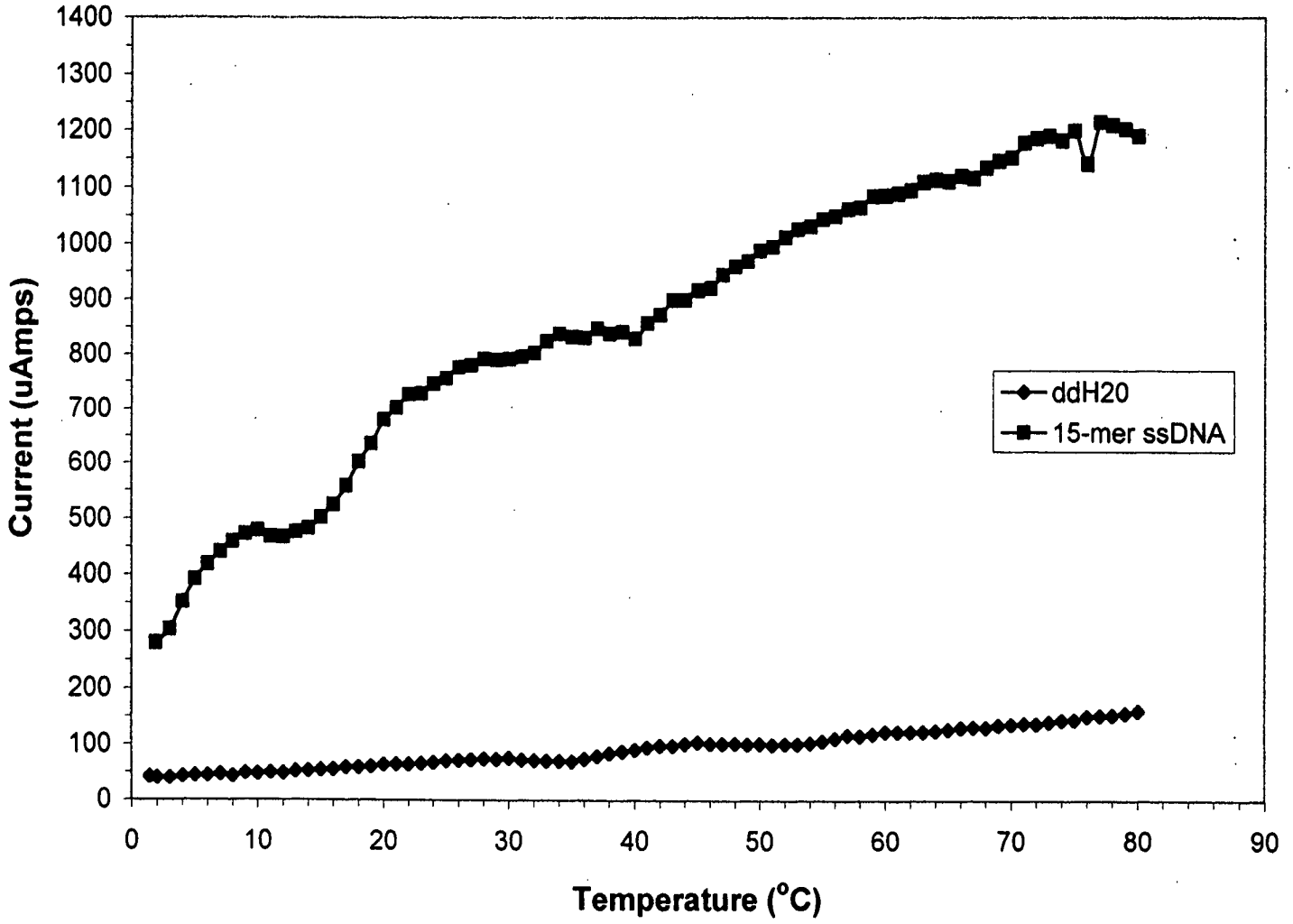

Fig. 1B. Comparison of AA between ddH_20 and 15-mer ssDNA (8 pmoles/500 ul) at 9V with increasing temperature

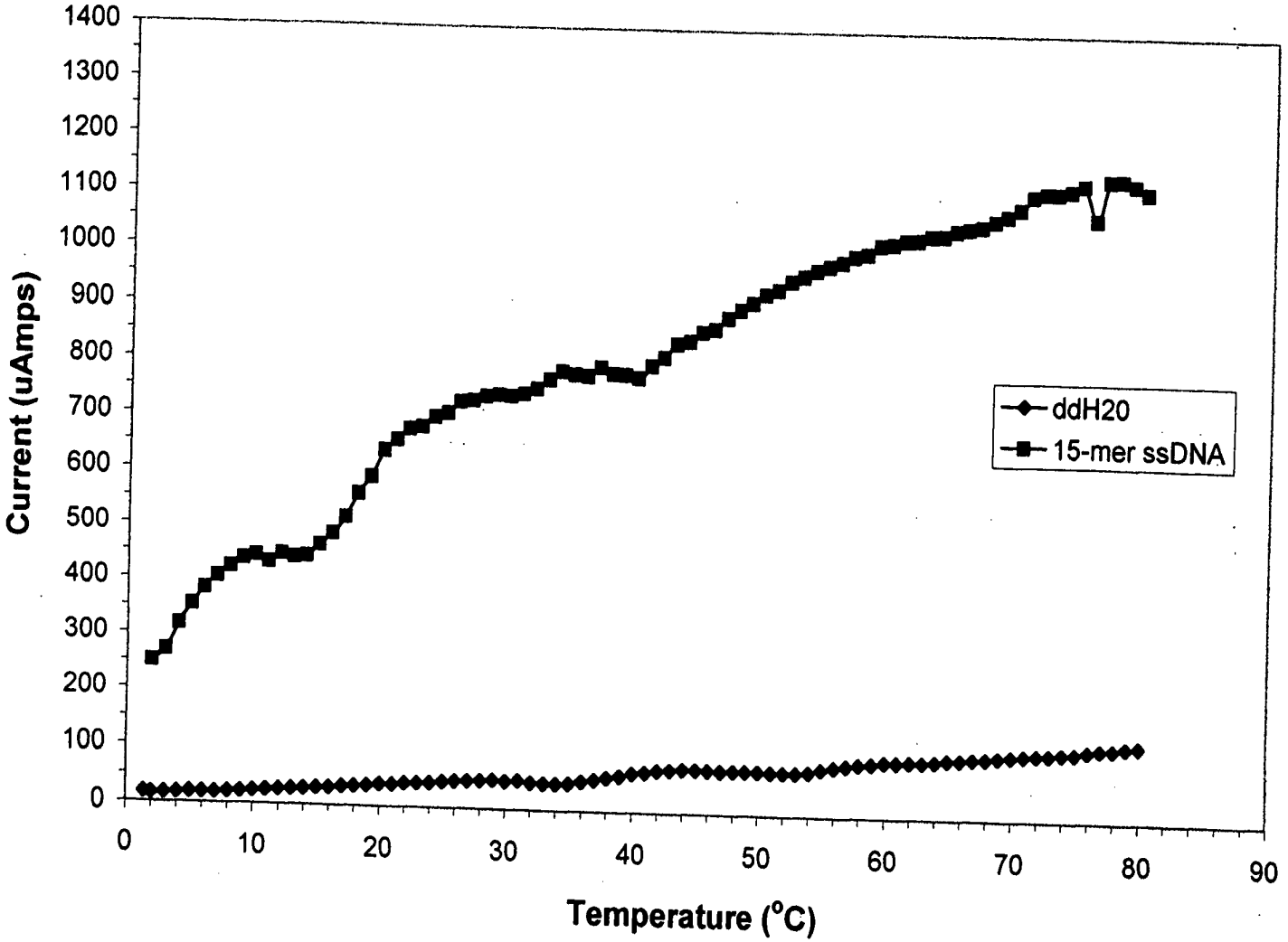

Fig. 2A. Comparison of IPA between ddH_20 and 15-mer ssDNA (8 pmoles/500 ul) at 9V with decreasing temperature

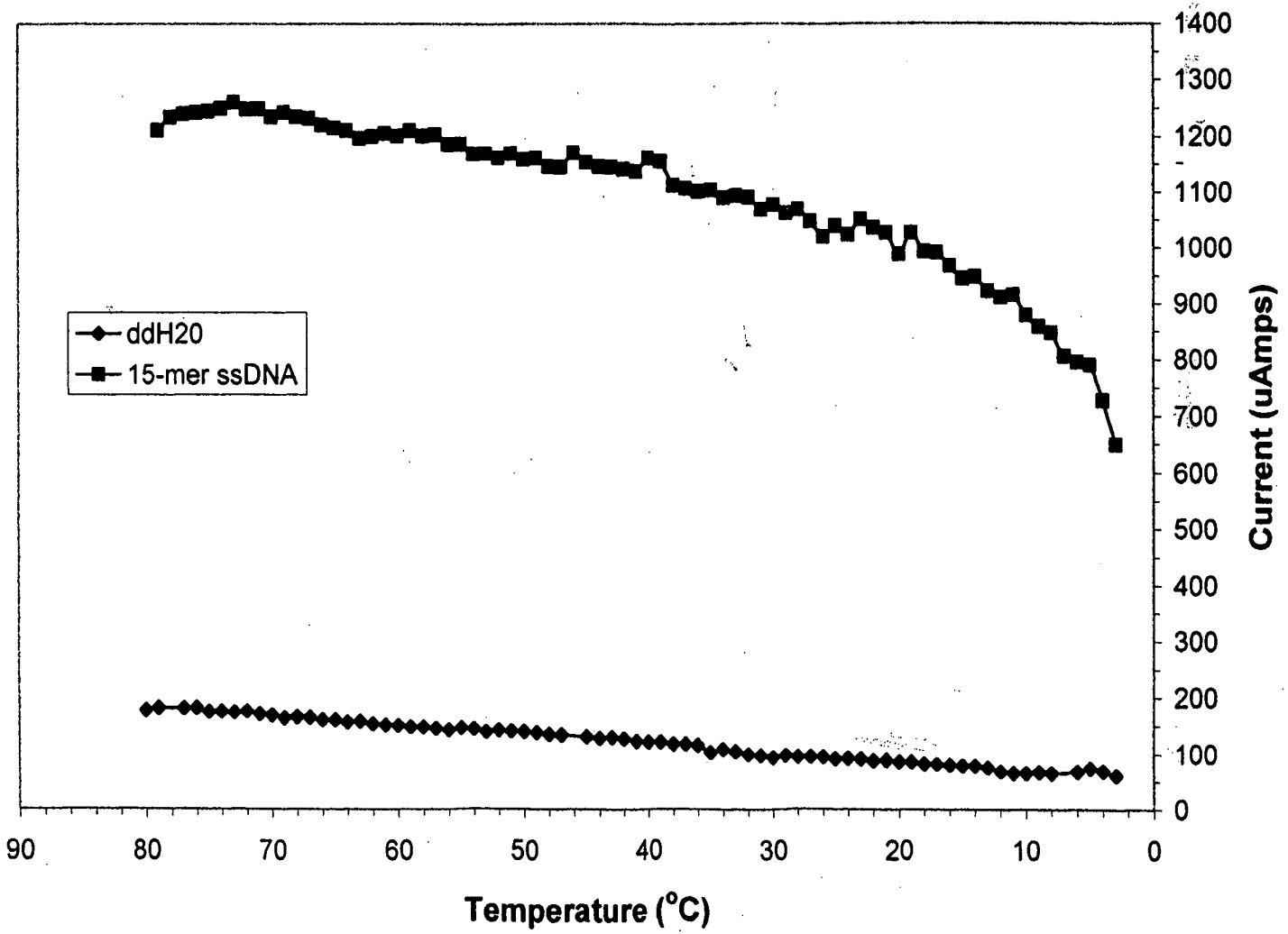

Fig. 2B. Comparison of AA between ddH_20 and 15-mer ssDNA (8 pmoles/500 ul) at 9V with decreasing temperature

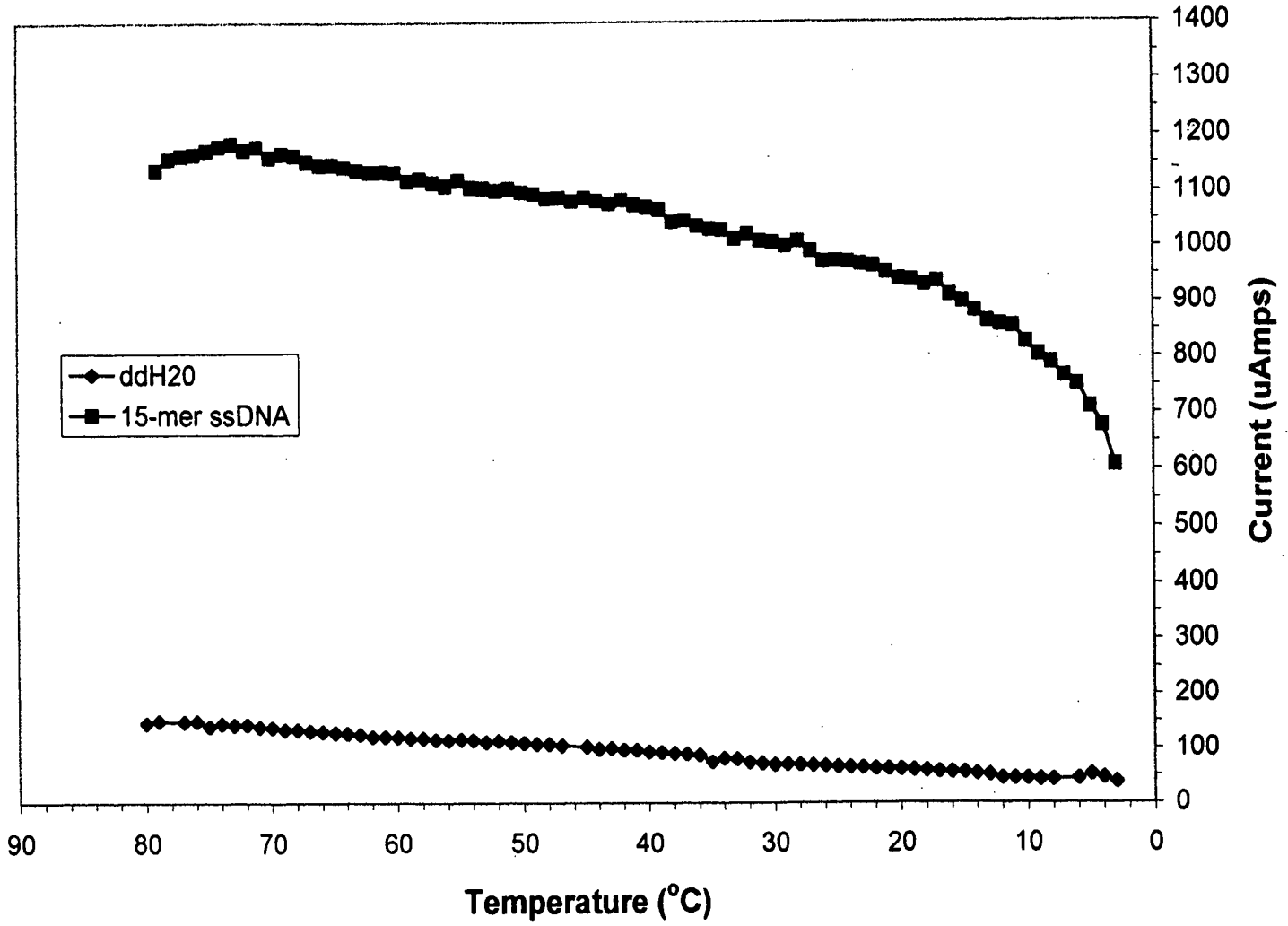

Fig. 3A. IPA of 15-mer dsDNA (8 pmoles/500 ul) at 9V with increasing temperature

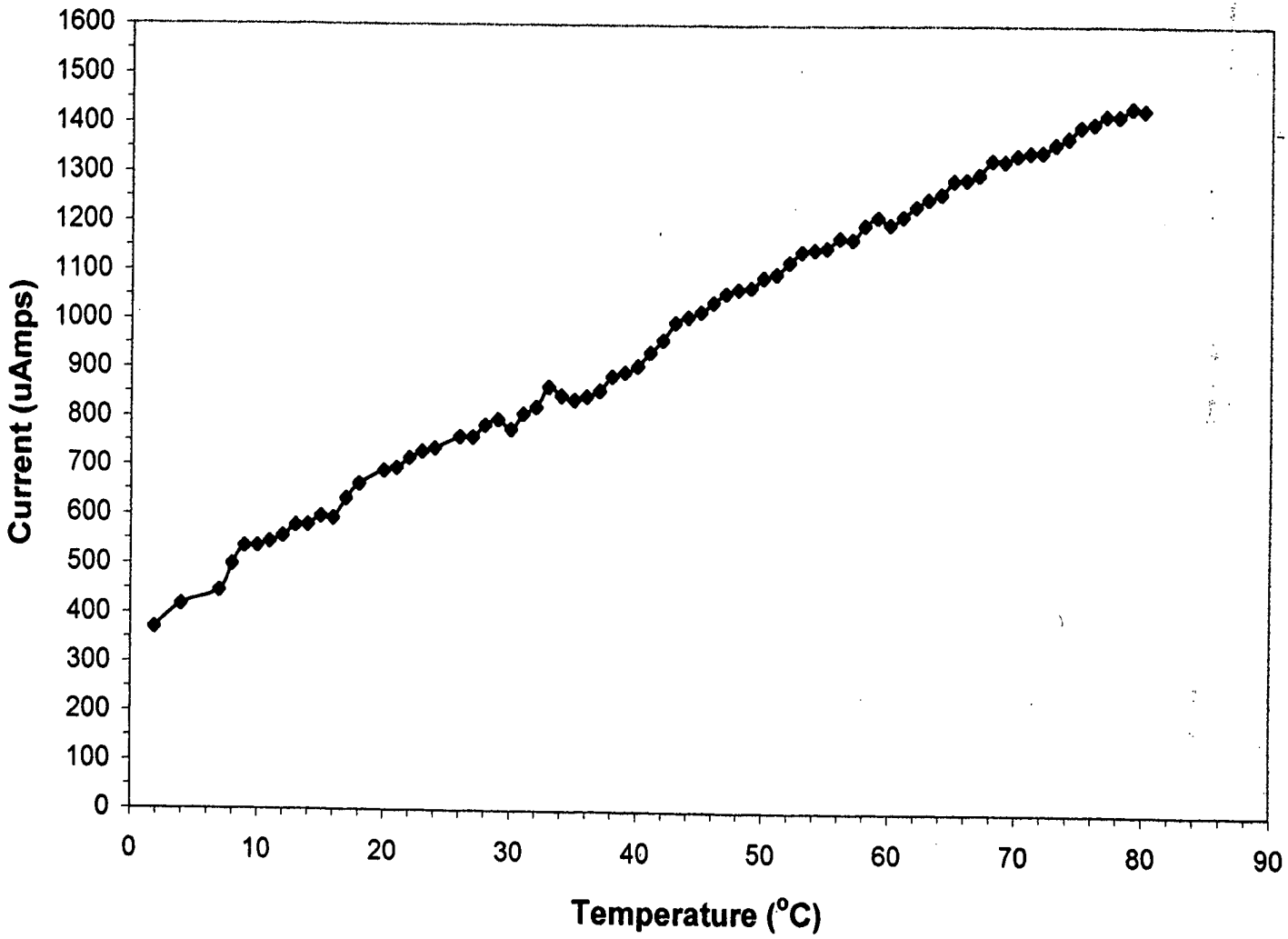

Fig. 3B. AA of 15-mer dsDNA (8 pmoles/500 ul) at 9V with increasing temperature

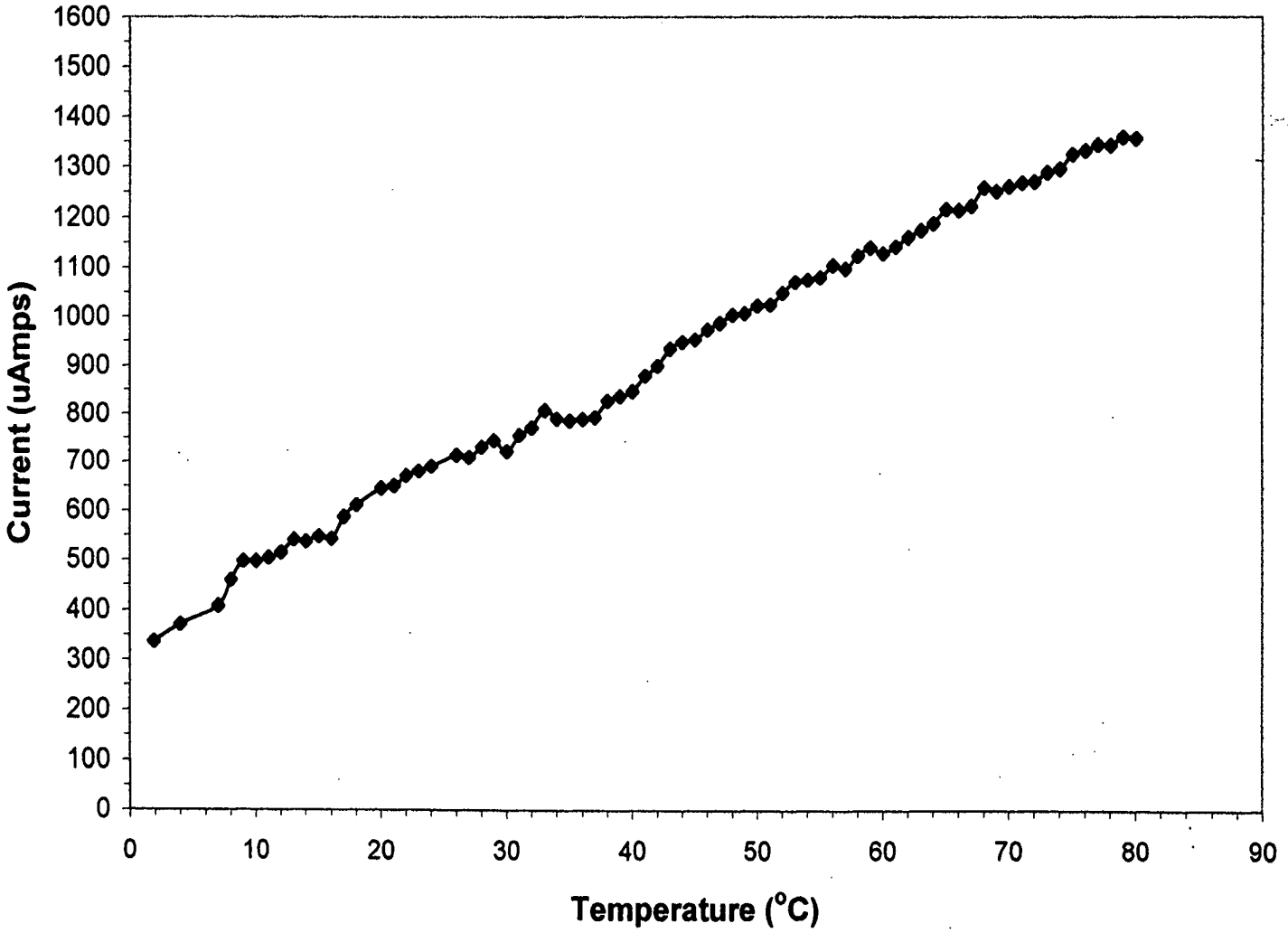

Fig. 3C. IPA of mix of 15-mer ssDNA with antiparallel complementary 15-mer ssDNA (4 pmoles each/500 ul) at 9V with increasing temperature

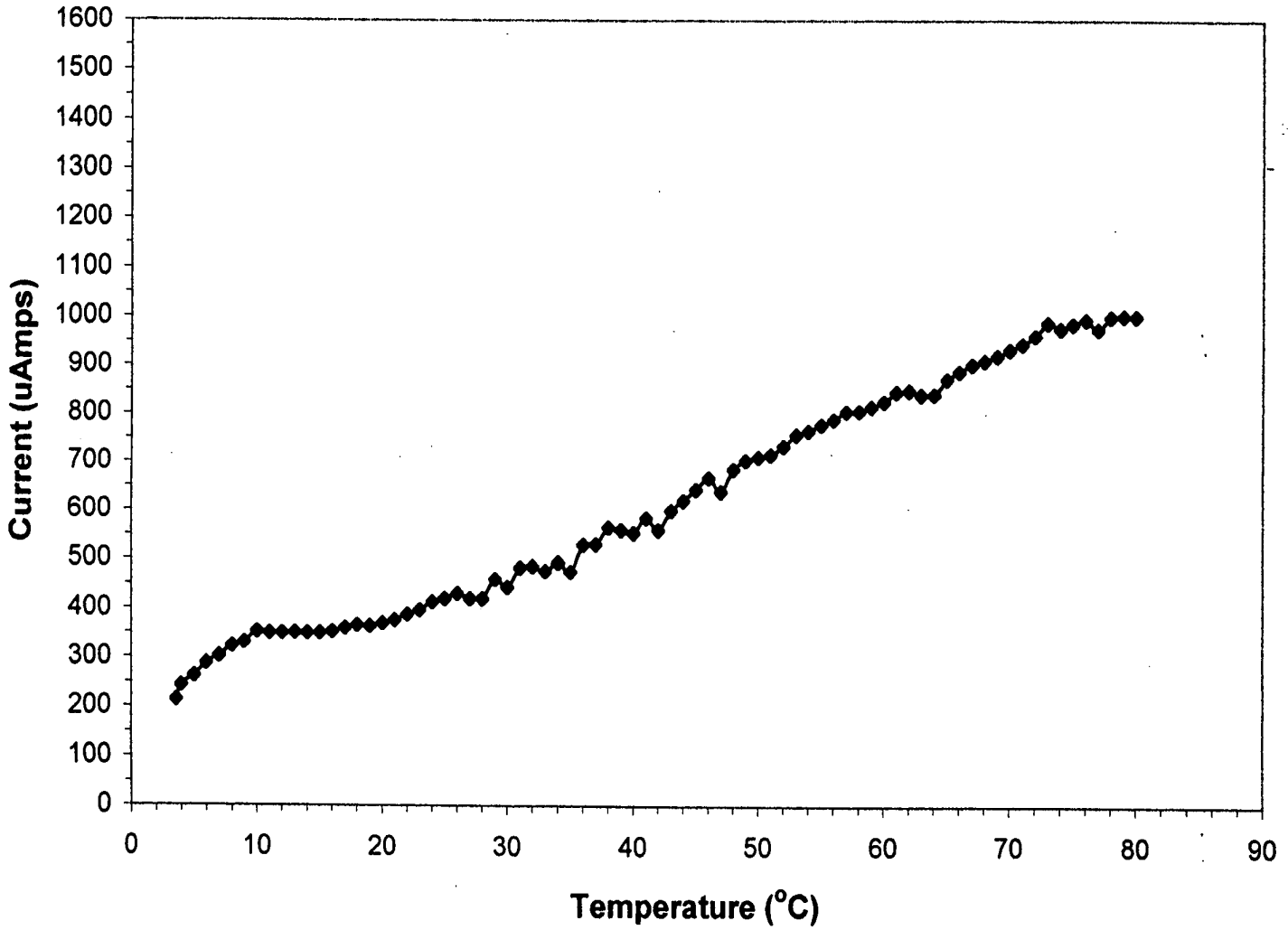

Fig. 3D. AA of mix of 15-mer ssDNA with antiparallel complementary 15-mer ssDNA (4 pmoles each/500 ul) at 9V with increasing temperature

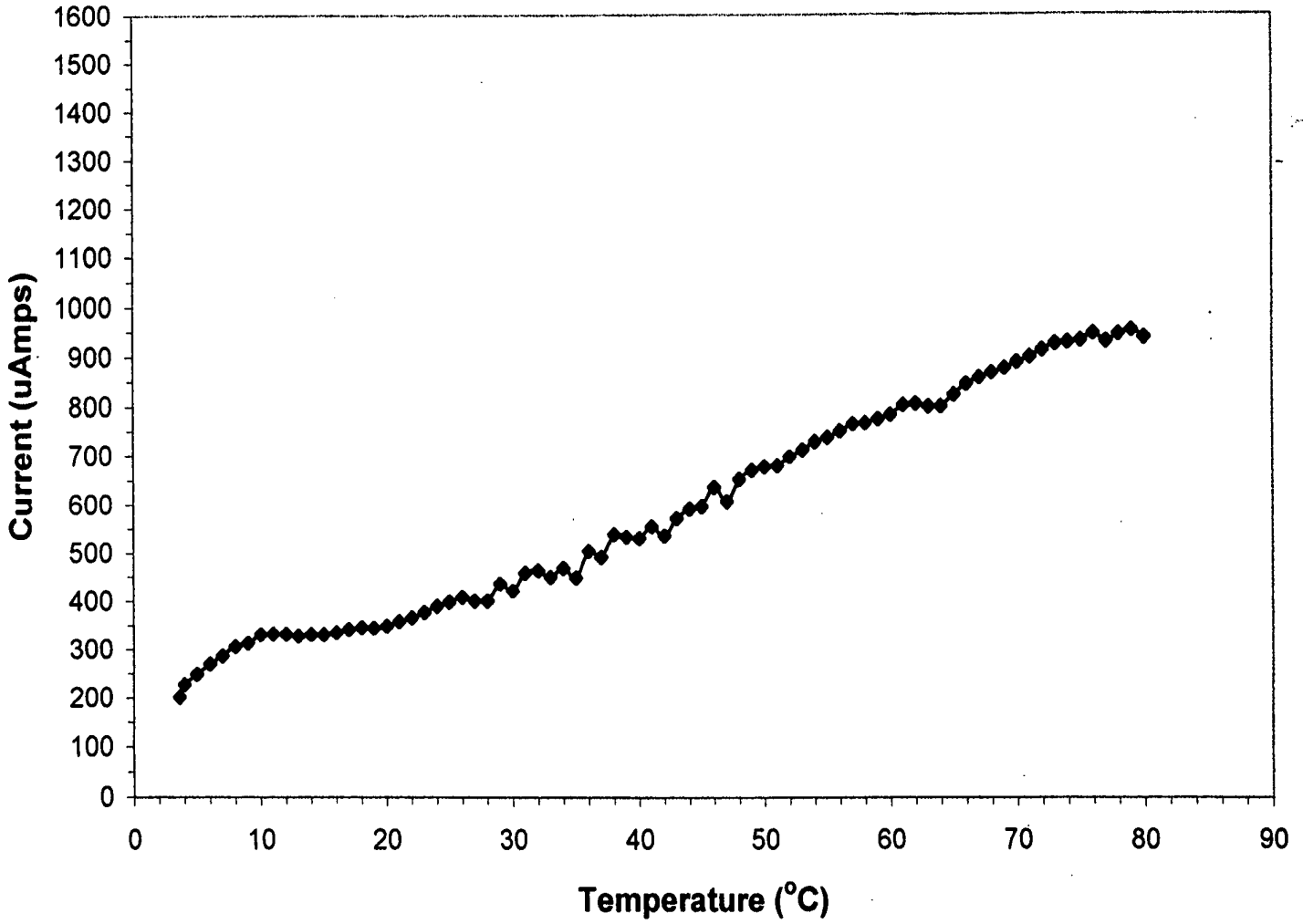

Fig. 4A. IPA of 15-mer dsDNA (8 pmoles/500 ul) at 9V with decreasing temperature

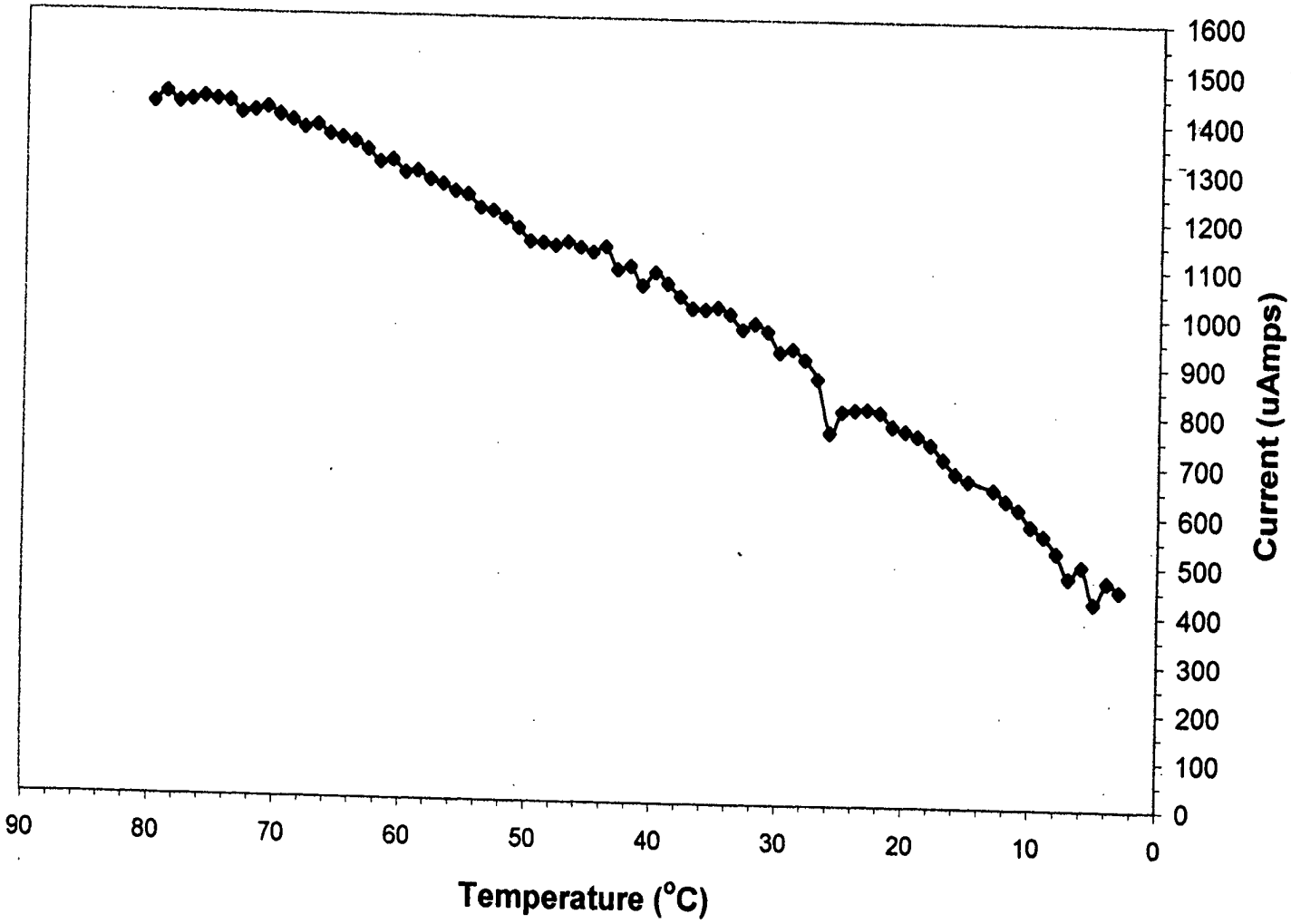

Fig. 4B. AA of 15-mer dsDNA (8 pmoles/500 ul) at 9V with decreasing temperature

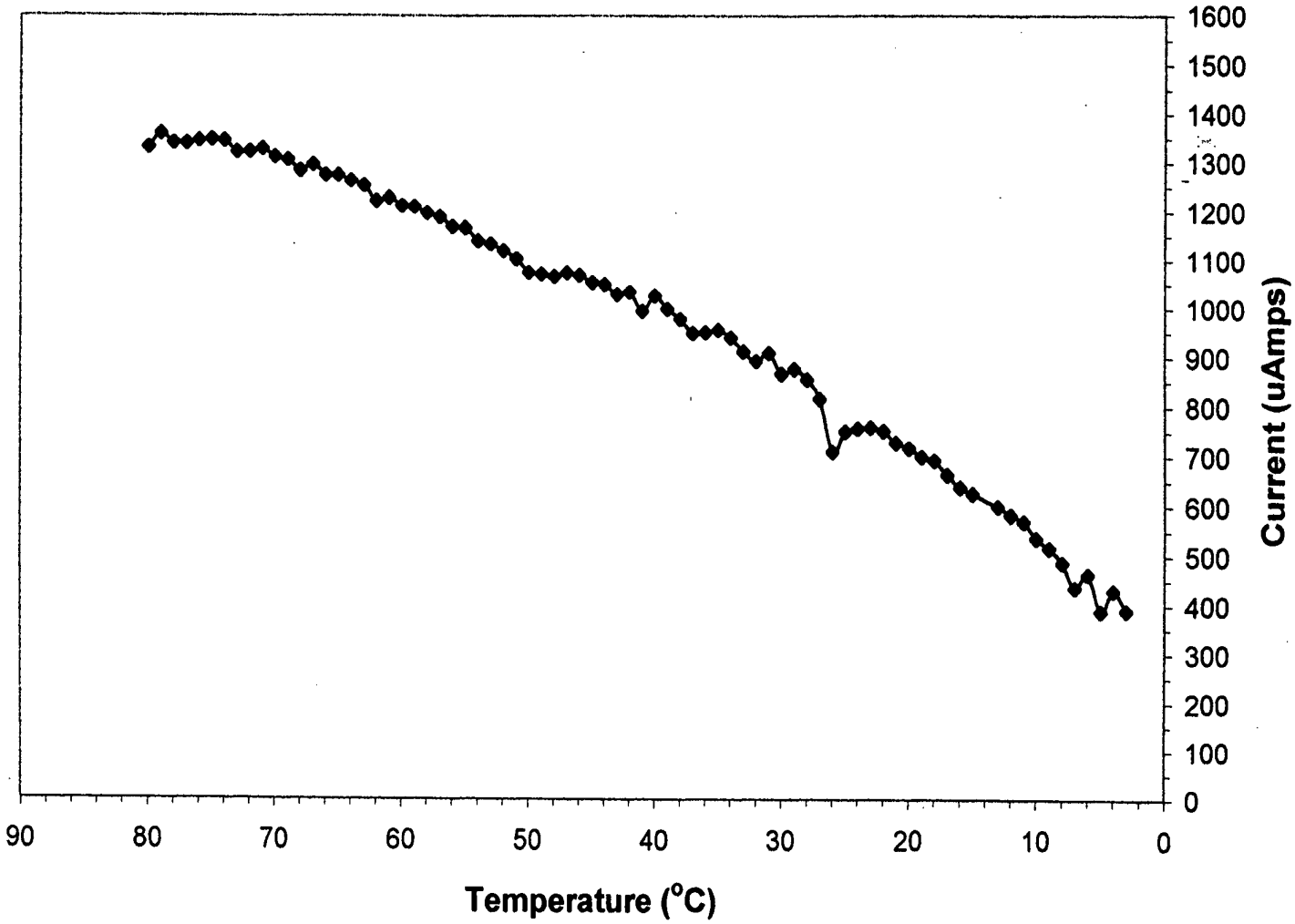

Fig. 4C. IPA of mix of 15-mer ssDNA with antiparallel complementary 15-mer ssDNA (4 pmoles each/500 ul) at 9V with decreasing temperature

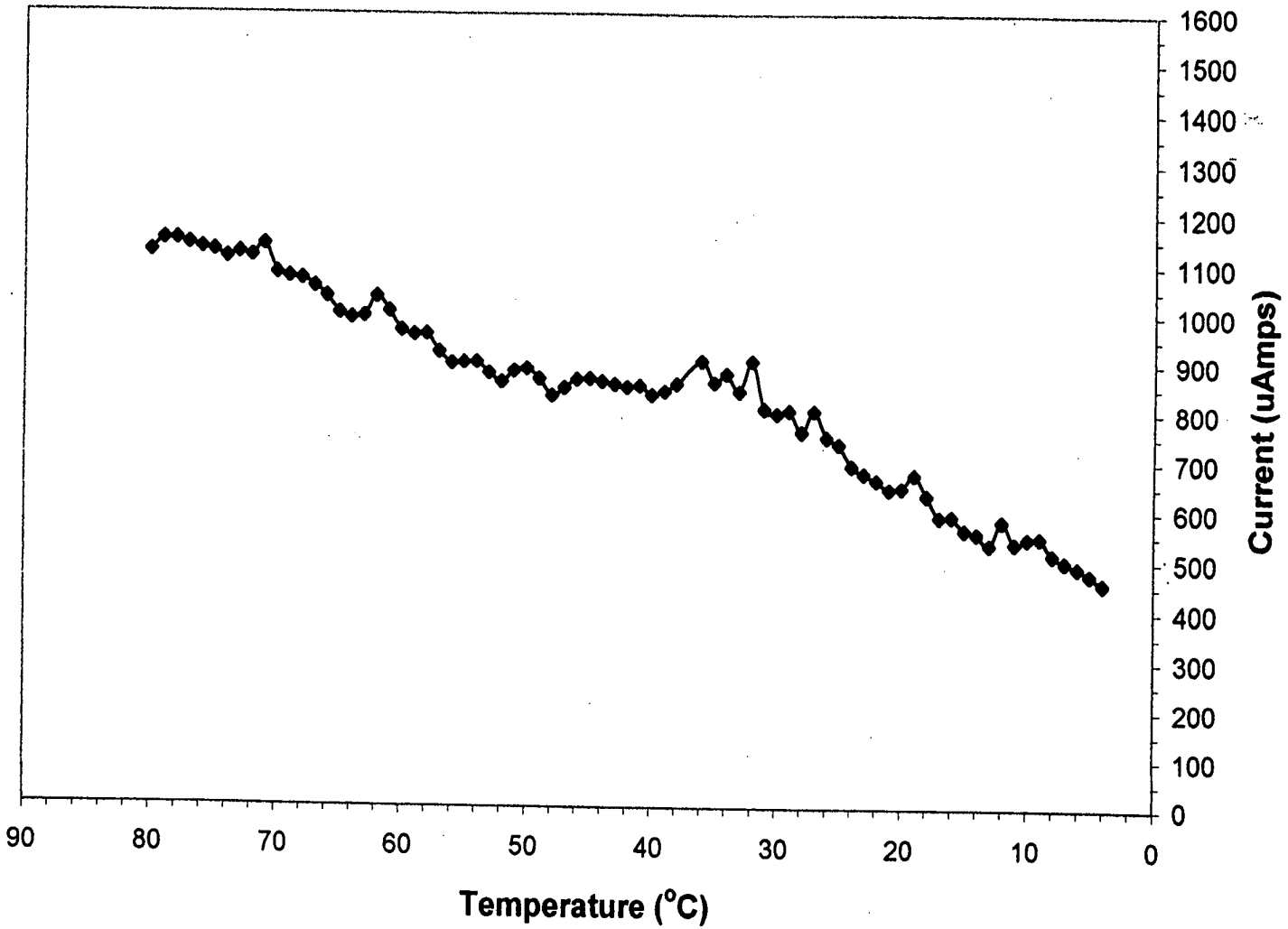

Fig. 4D. AA of mix of 15-mer ssDNA with antiparallel complementary 15-mer ssDNA (4 pmoles each/500 ul) at 9V with decreasing temperature

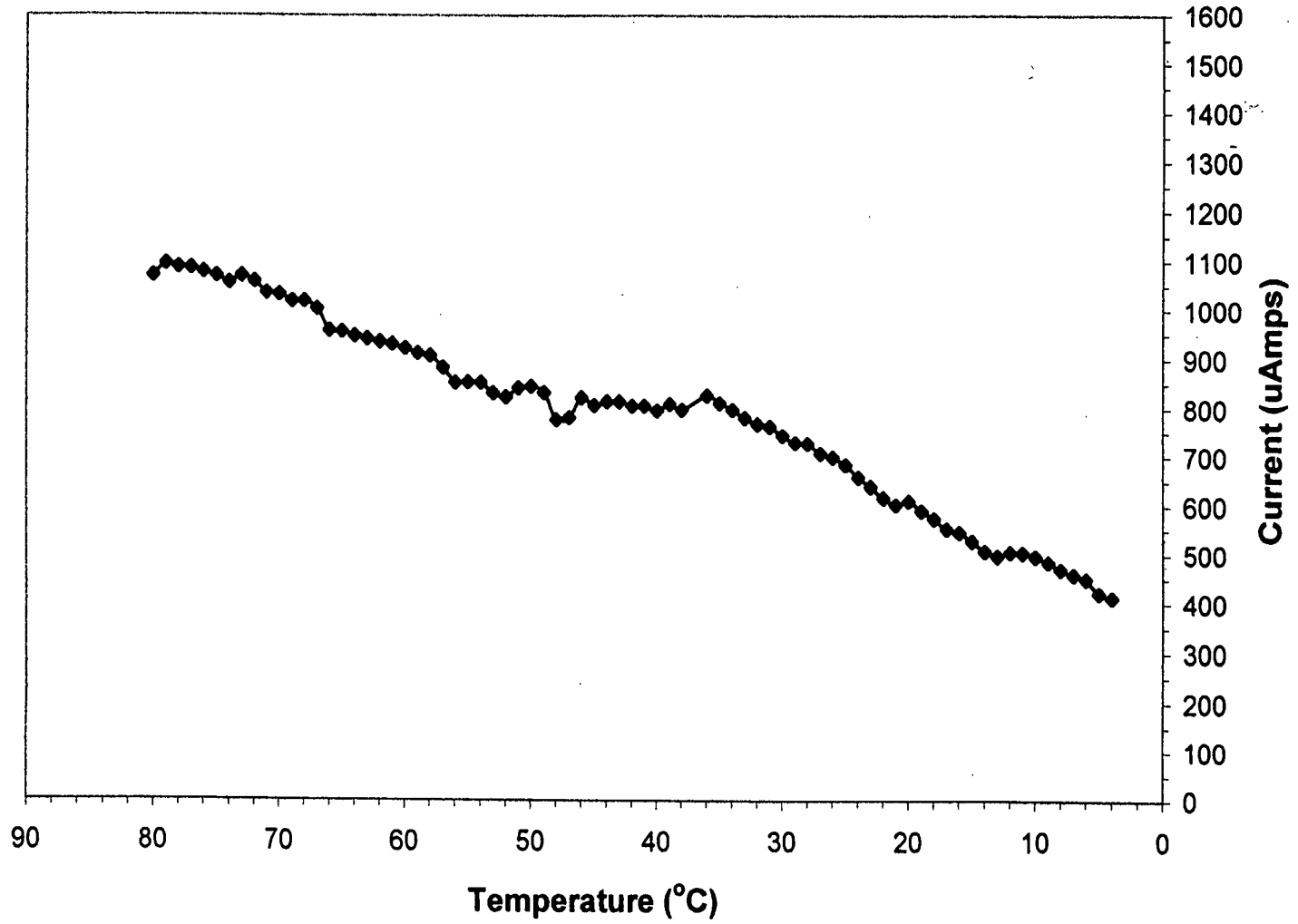

Fig. 5A. Comparison of IPA of different concentrations of 15-mer ssDNA (pmoles/500 ul) with increasing temperature

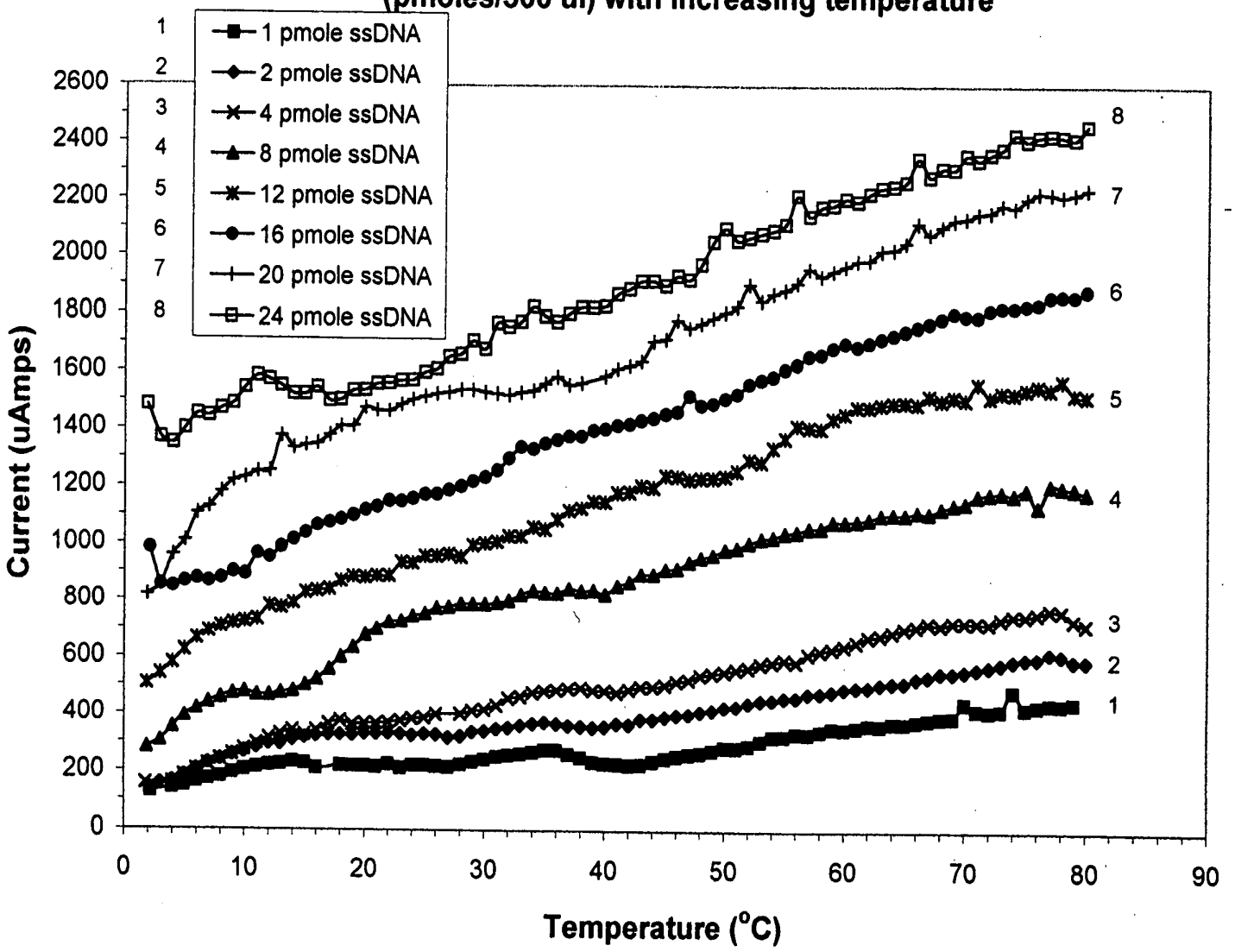

Fig. 5B. Comparison of AA of different concentrations of 15-mer ssDNA (pmoles/500 ul) with increasing temperature

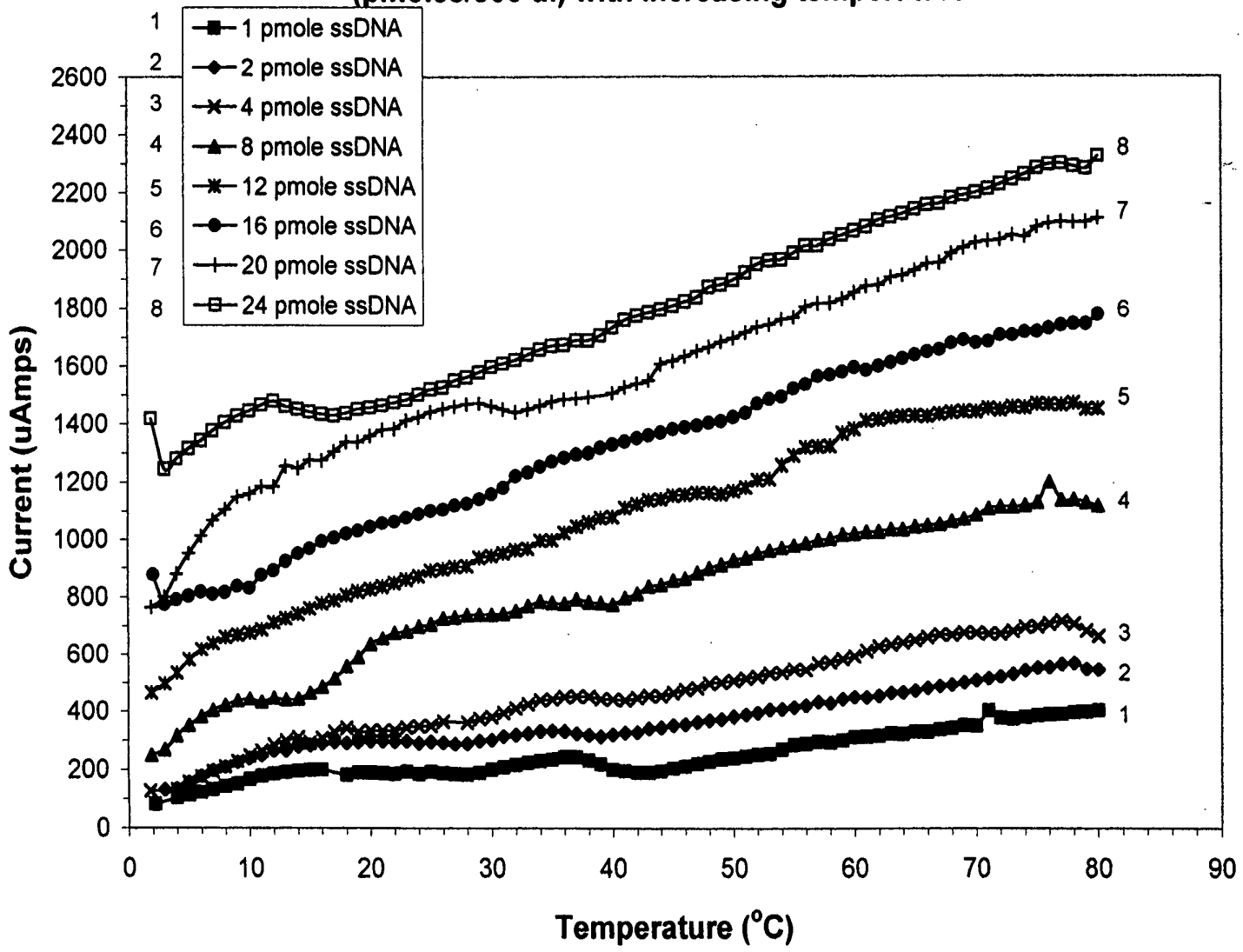

Fig. 6A. Comparison of IPA of different concentrations of 15-mer ssDNA (pmoles/500 ul) with decreasing temperature

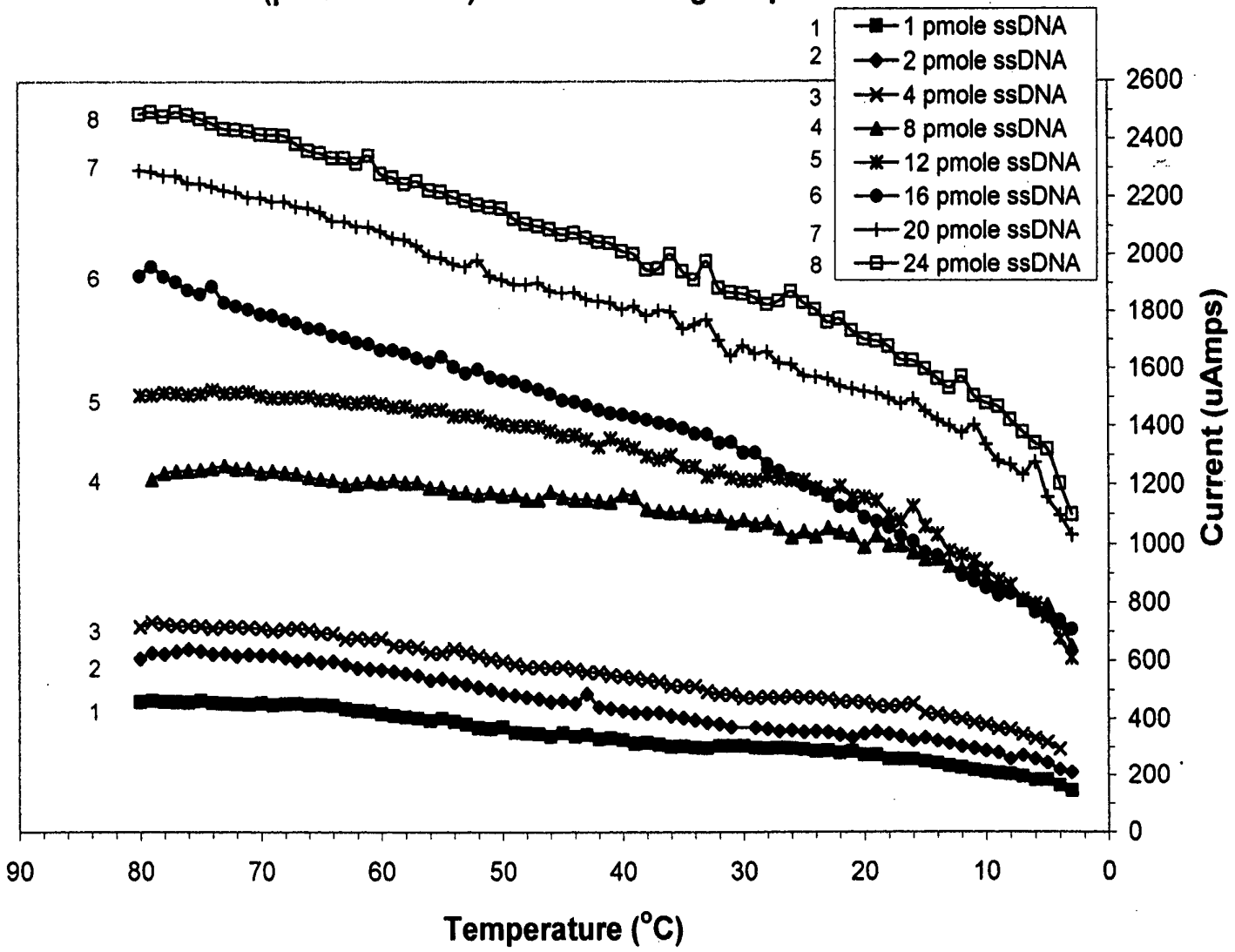

Fig. 6B. Comparison of AA of different concentrations of 15-mer ssDNA (pmoles/500 ul) with decreasing temperature

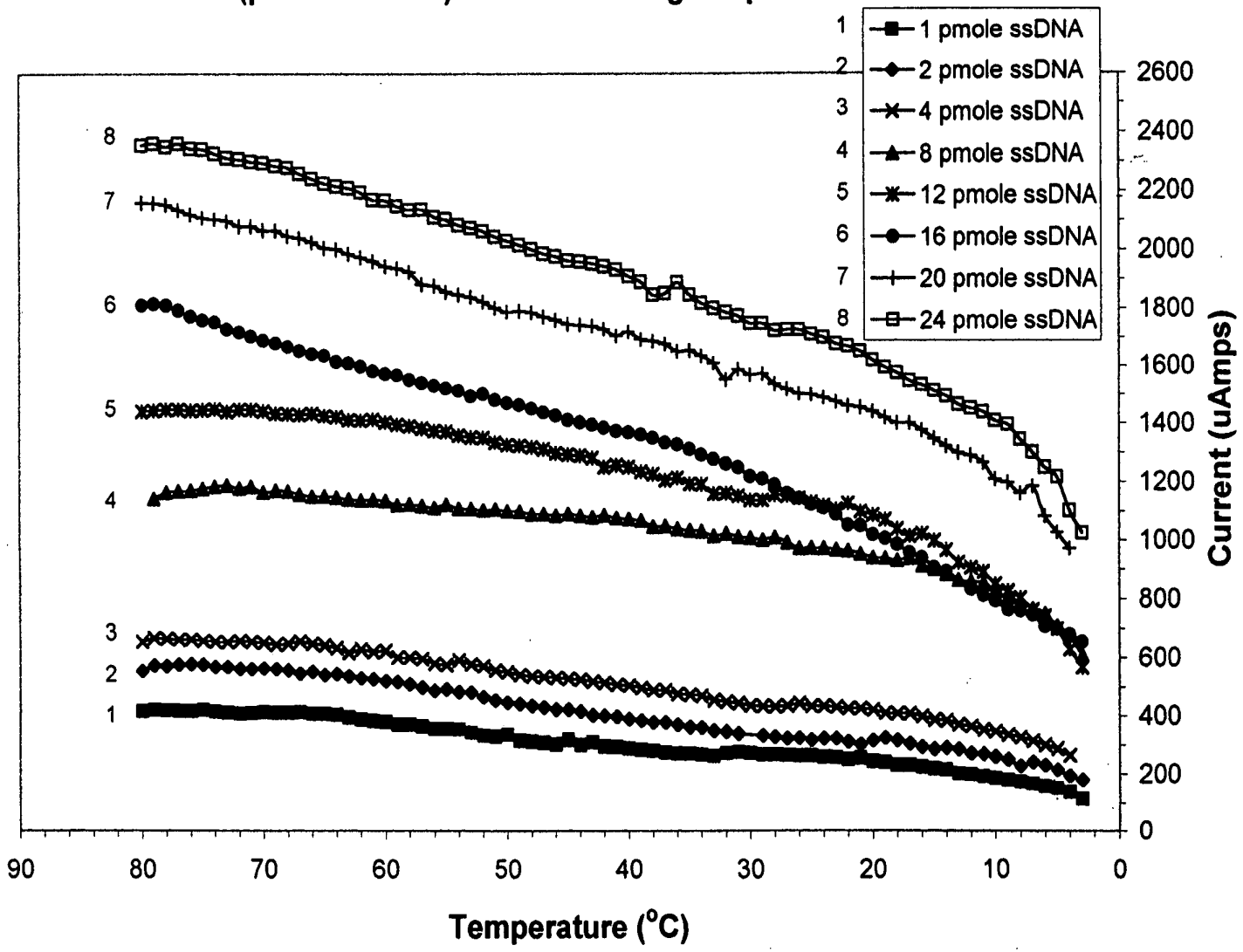

Fig. 7A. Comparison of IPA of different concentrations of 15-mer dsDNA (pmoles/500 ul) with increasing temperature

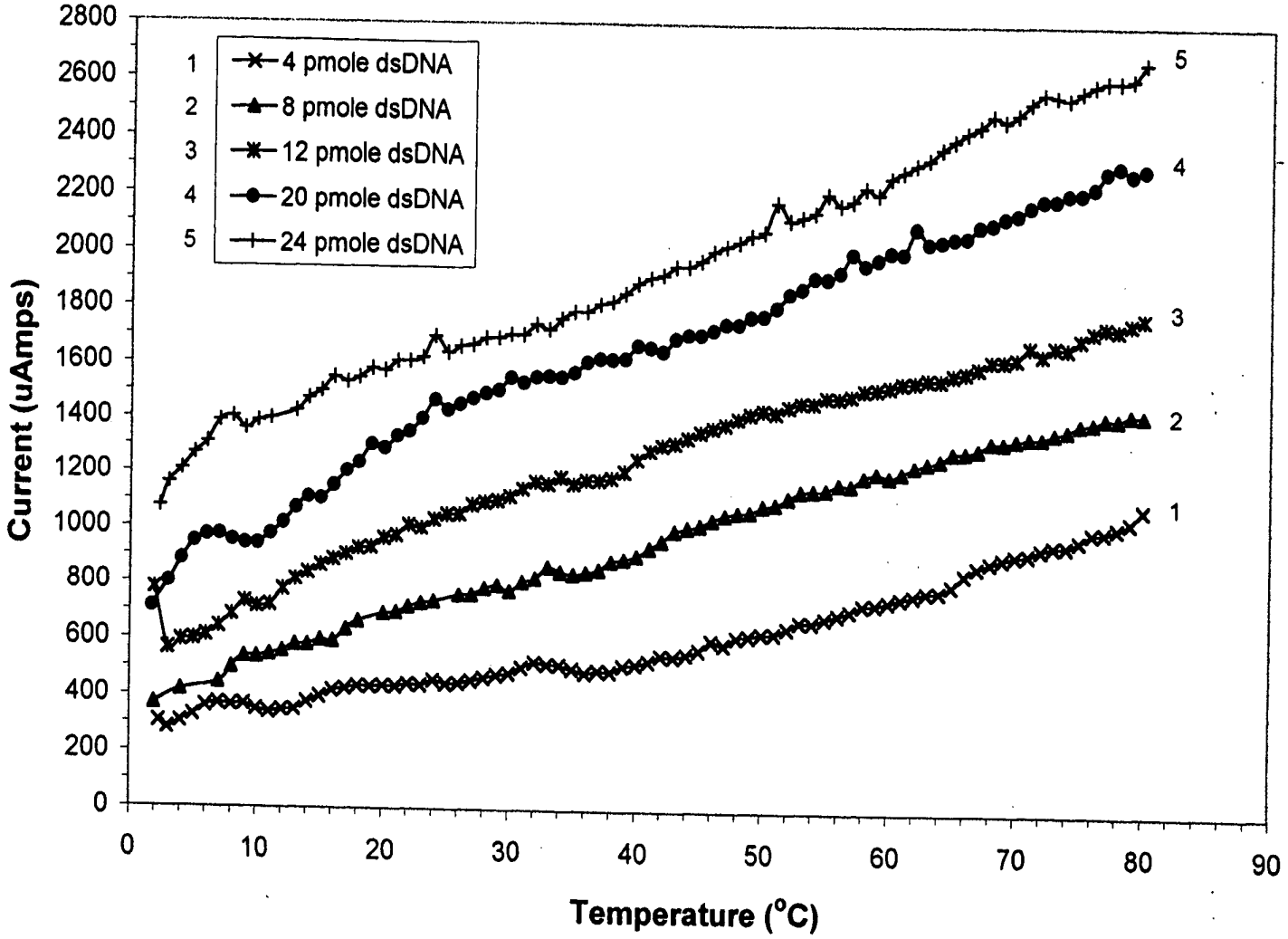

Fig. 7B. Comparison of AA of different concentrations of 15-mer dsDNA (pmoles/500 ul) with increasing temperature

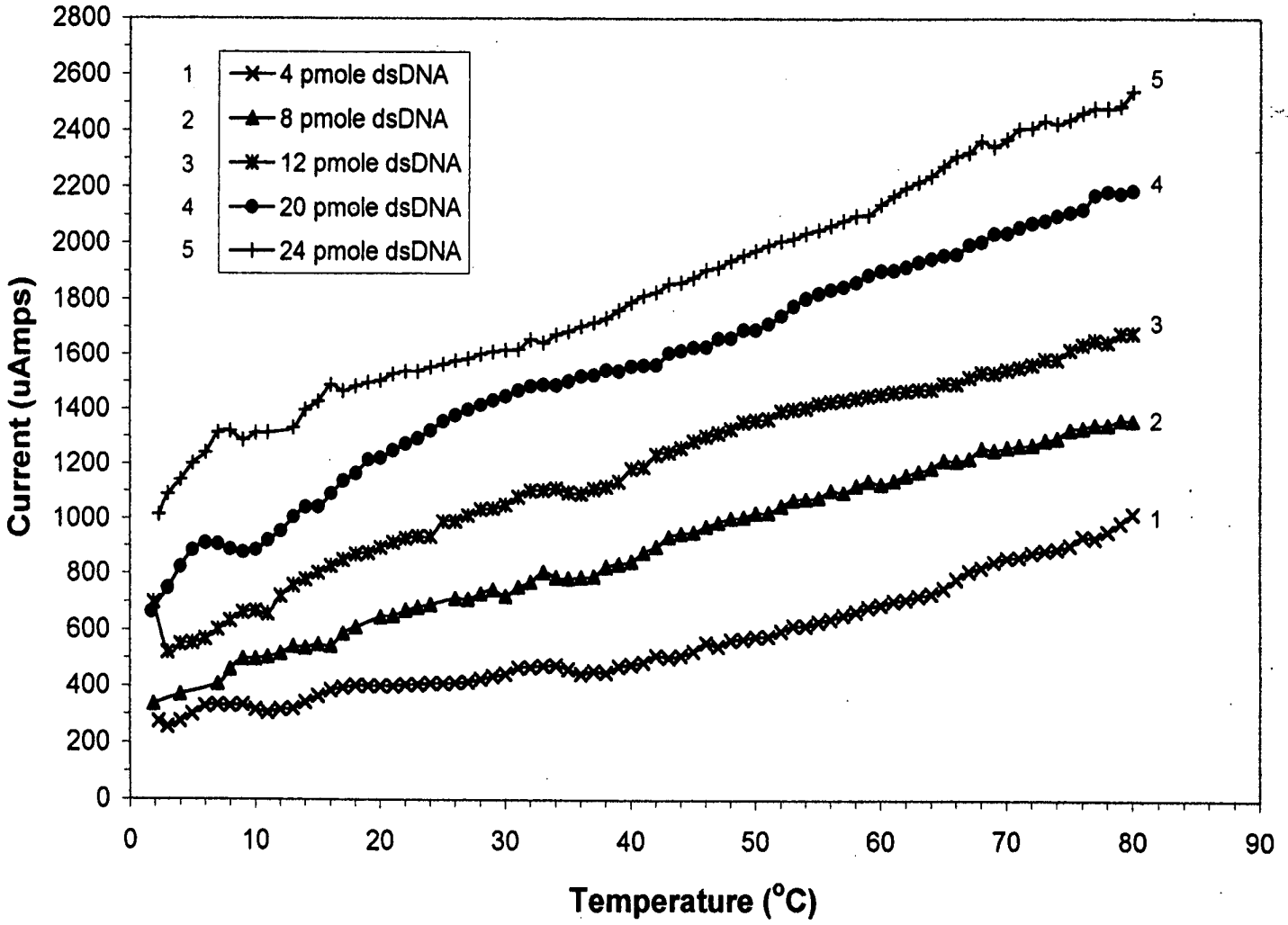

Fig. 8A. Comparison of IPA of different concentrations of 15-mer dsDNA (pmoles/500 ul) with decreasing temperature

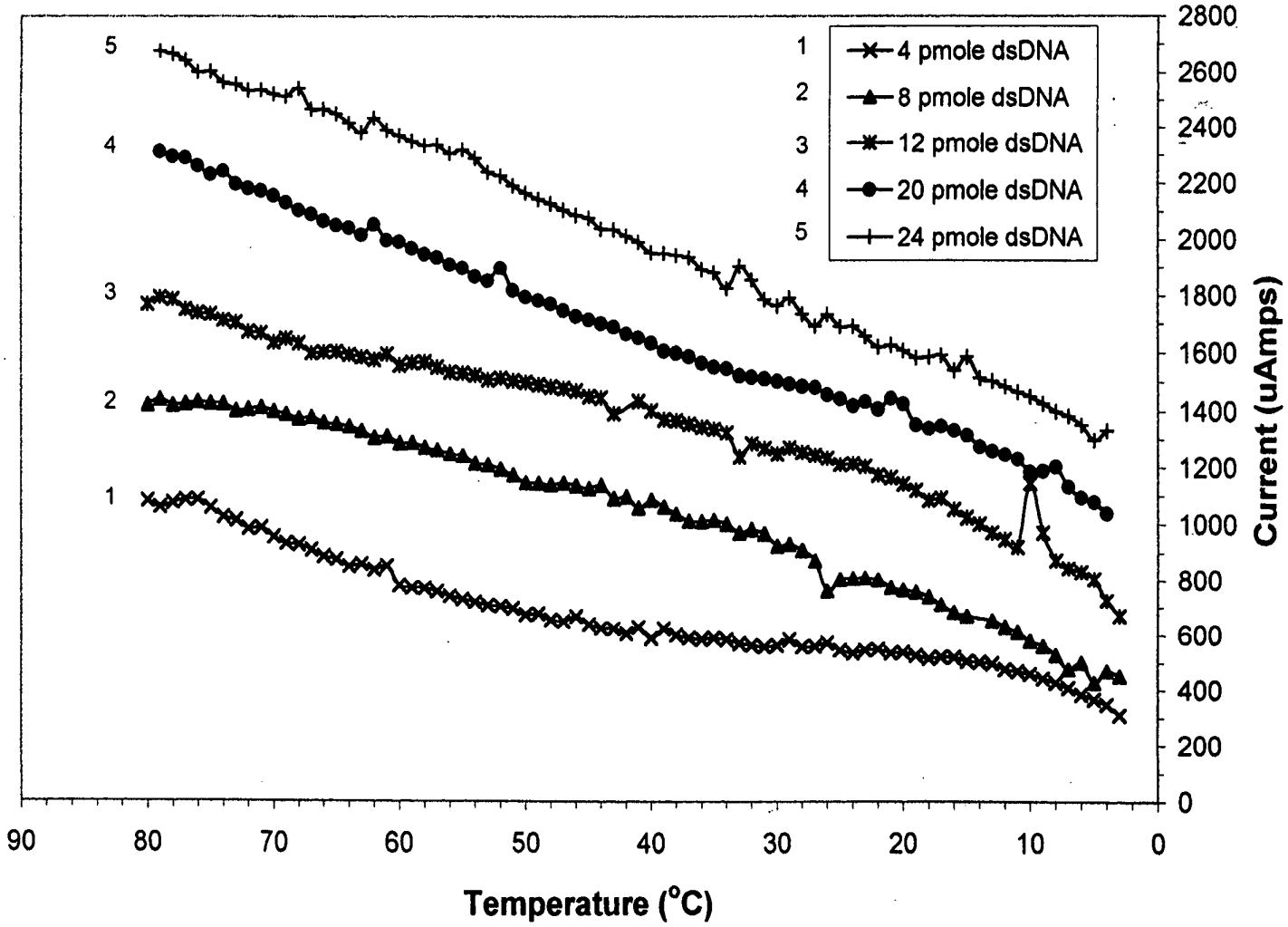

Fig. 8B. Comparison of AA of different concentrations of 15-mer dsDNA (pmoles/500 ul) with decreasing temperature

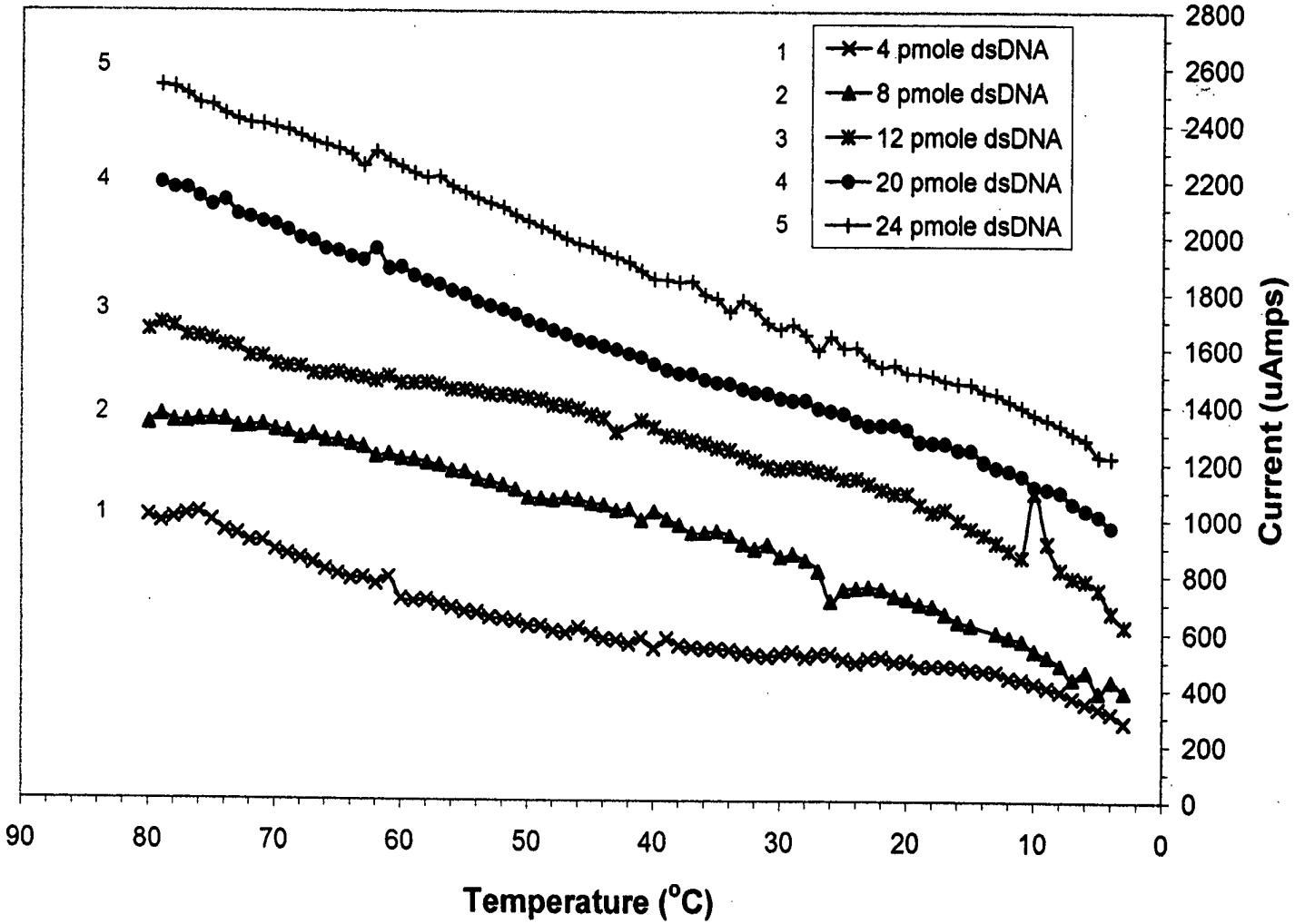

Fig. 9A. IPA of 15-mer ssDNA as a function of ssDNA concentration at 70°C

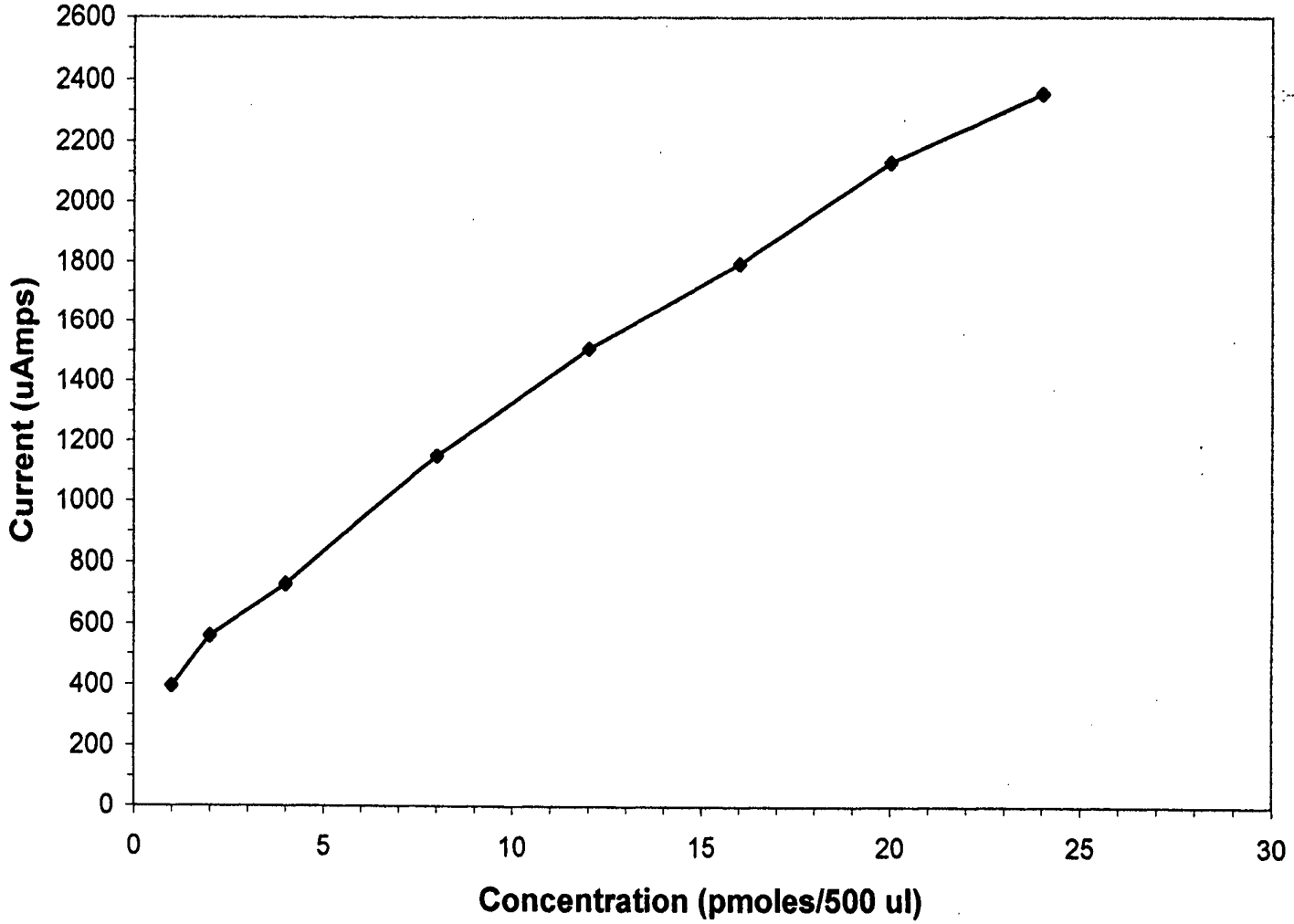

Fig. 9B. AA of 15-mer ssDNA as a function of ssDNA concentration at 70°C

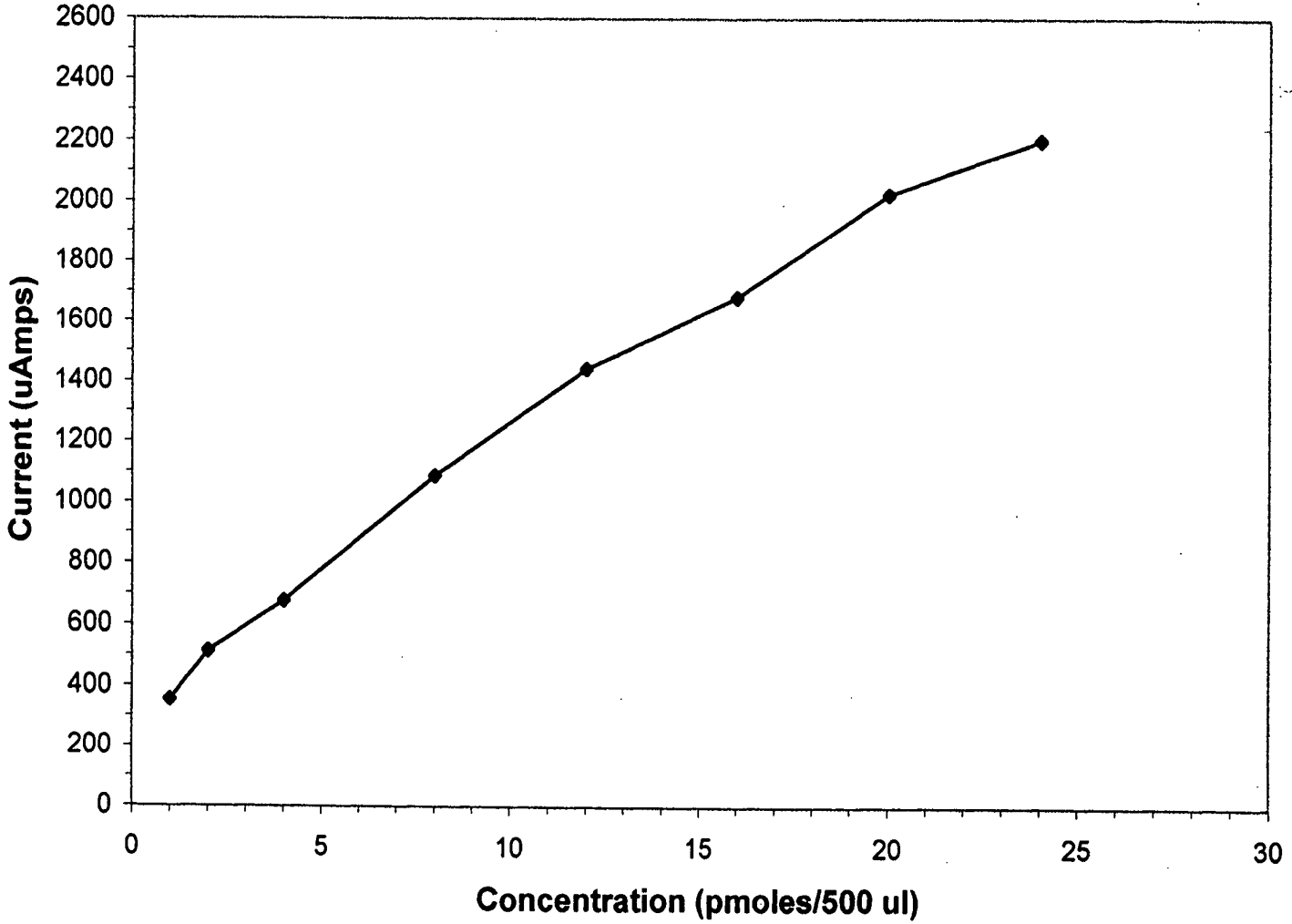

Fig. 10A. IPA of ddH_2O with increasing temperature during different voltage applications

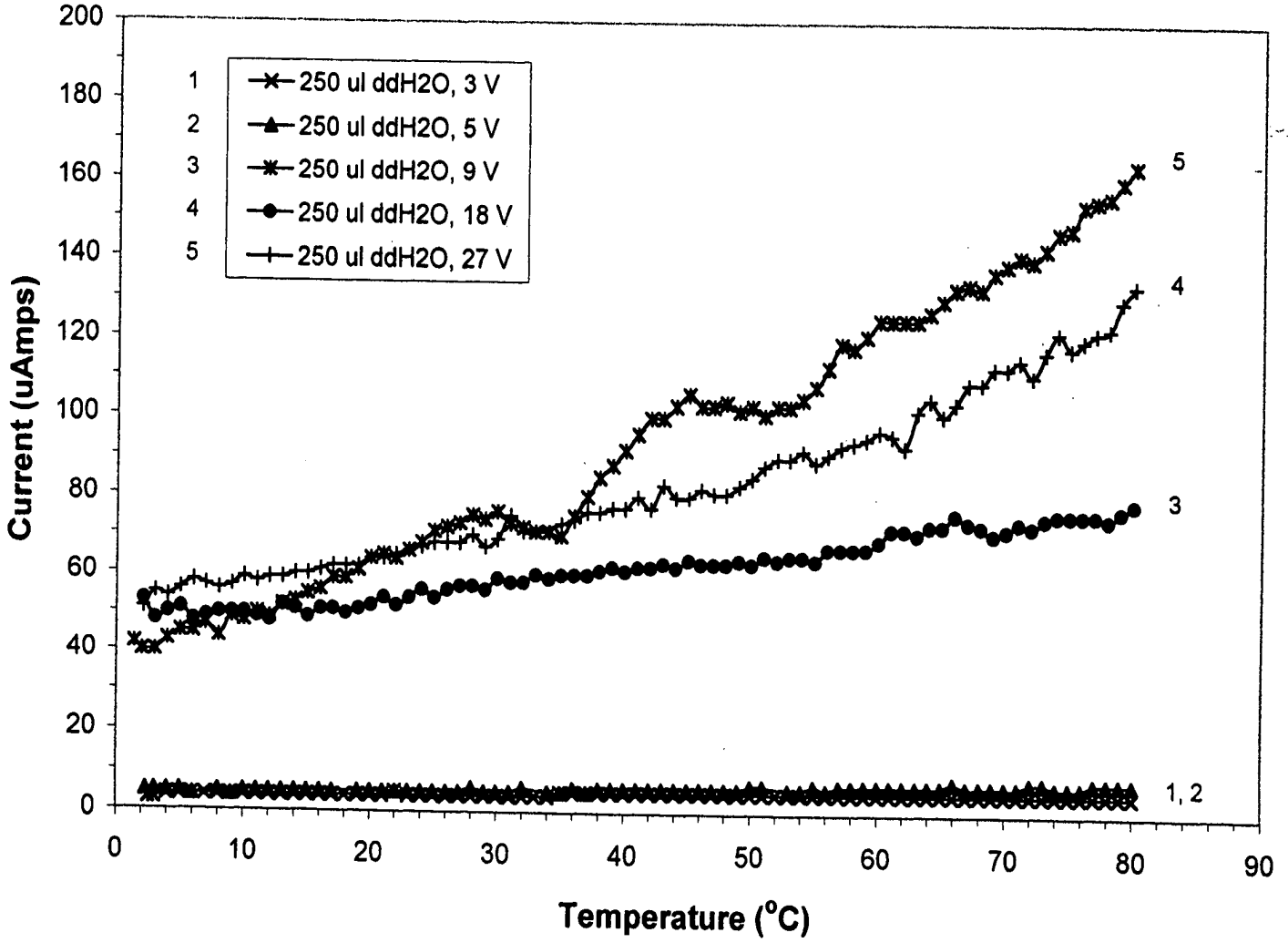

Fig. 10B. AA of ddH_2O with increasing temperature during different voltage applications

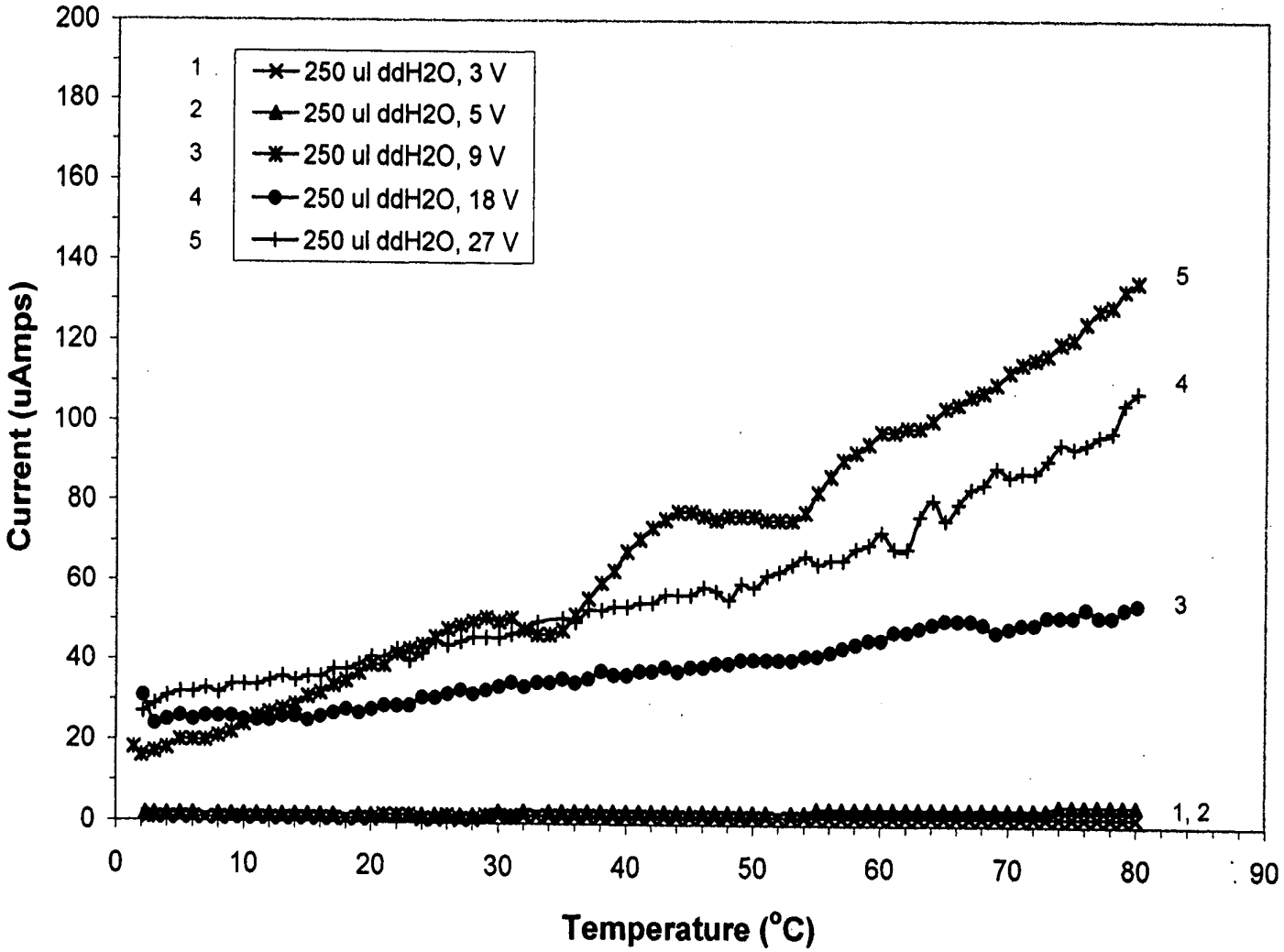

Fig. 11A. IPA of ddH_2O with decreasing temperature during different voltage applications

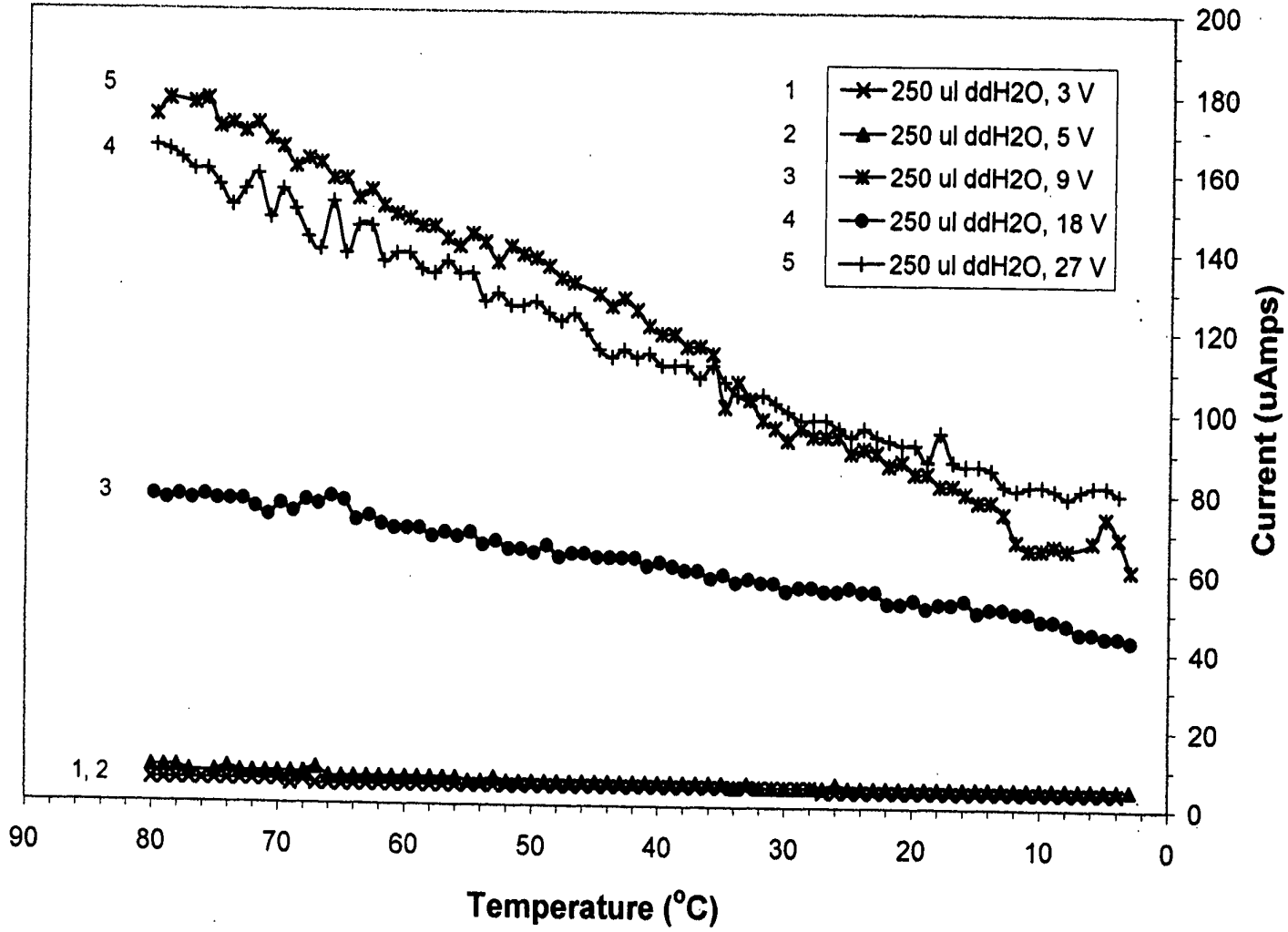

Fig. 11B. AA of ddH_2O with decreasing temperature during different voltage applications

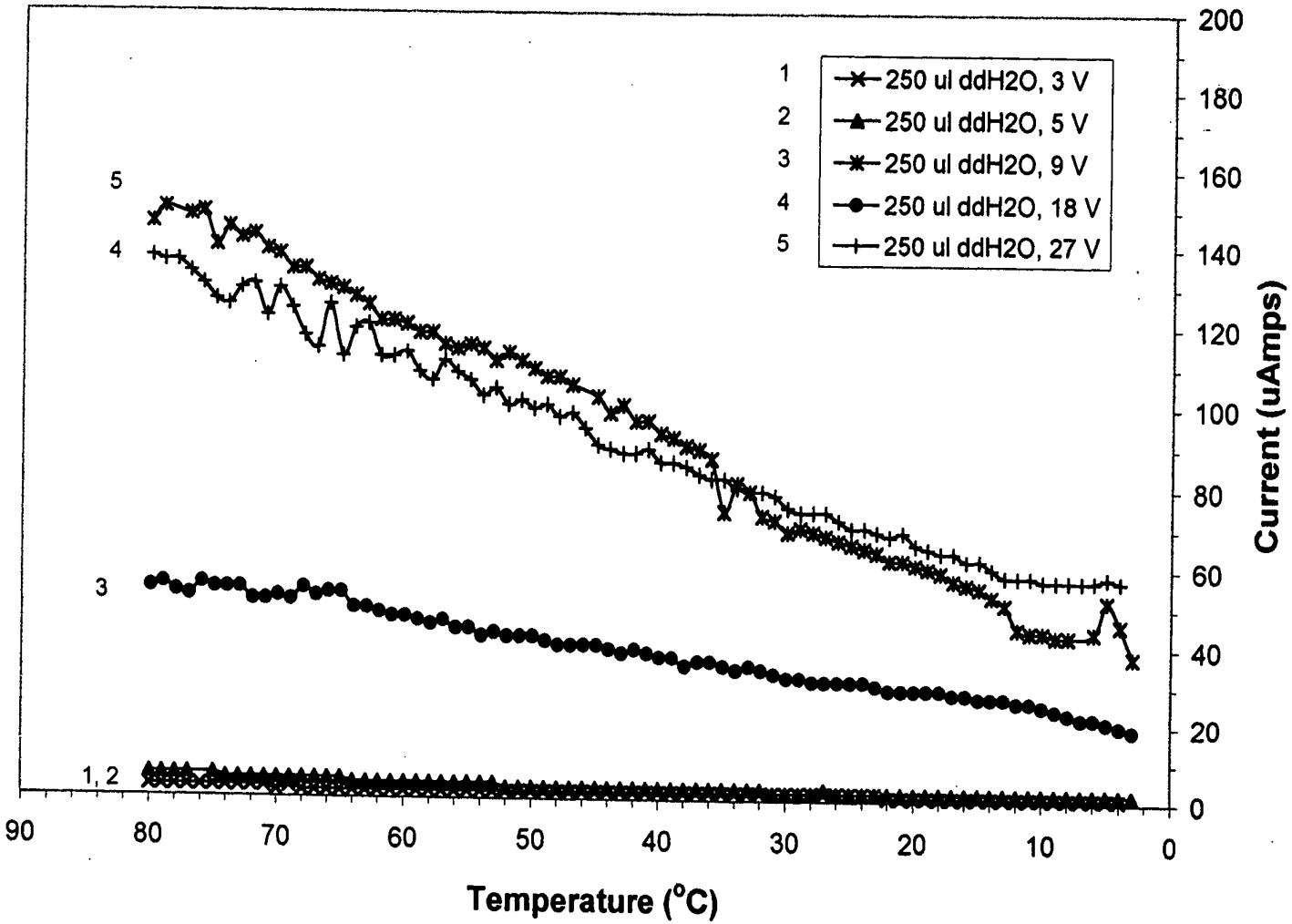

Fig. 12A. IPA of 15-mer ssDNA with increasing temperature during different voltage applications

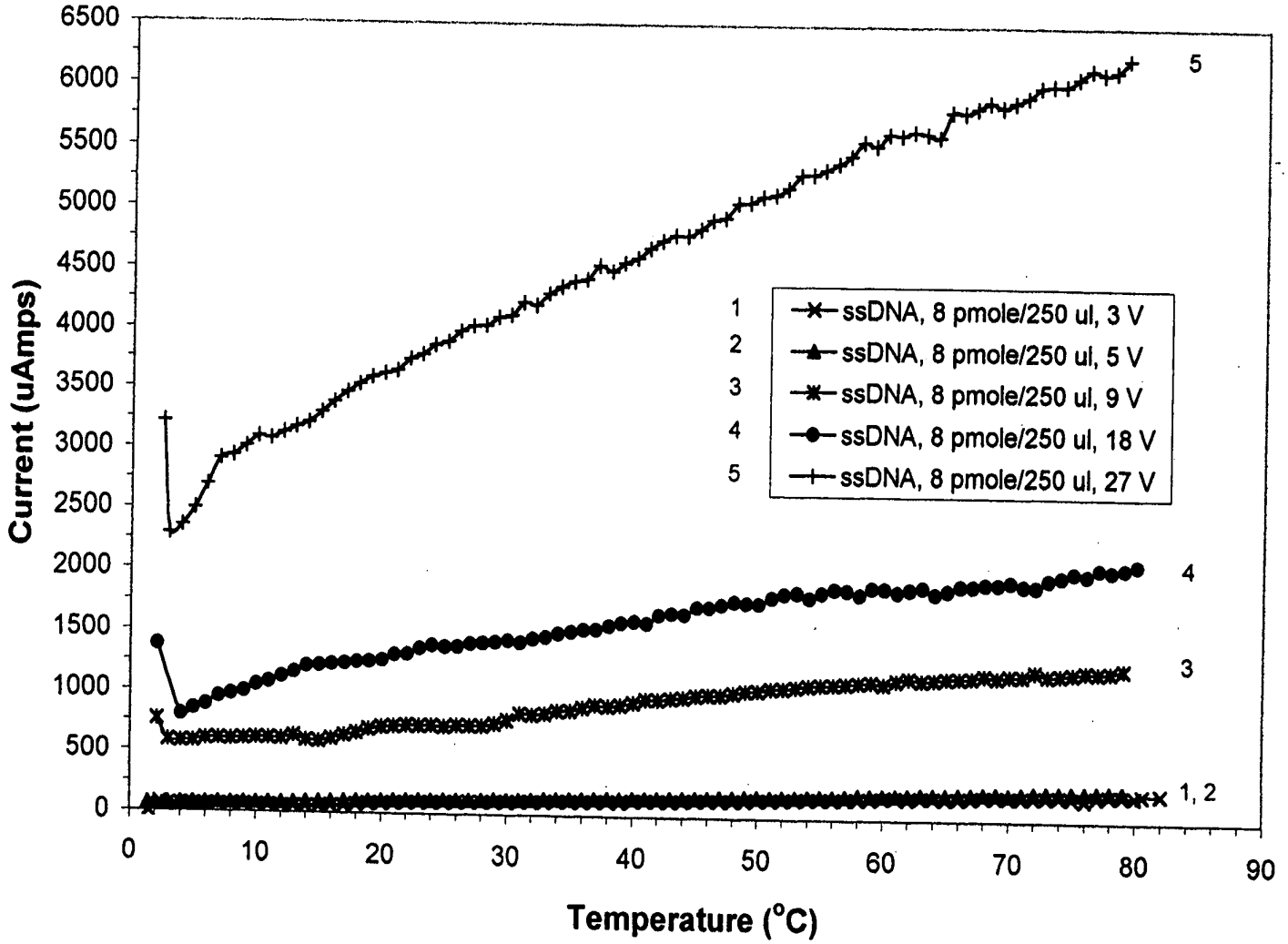

Fig. 12B. AA of 15-mer ssDNA with increasing temperature during different voltage applications

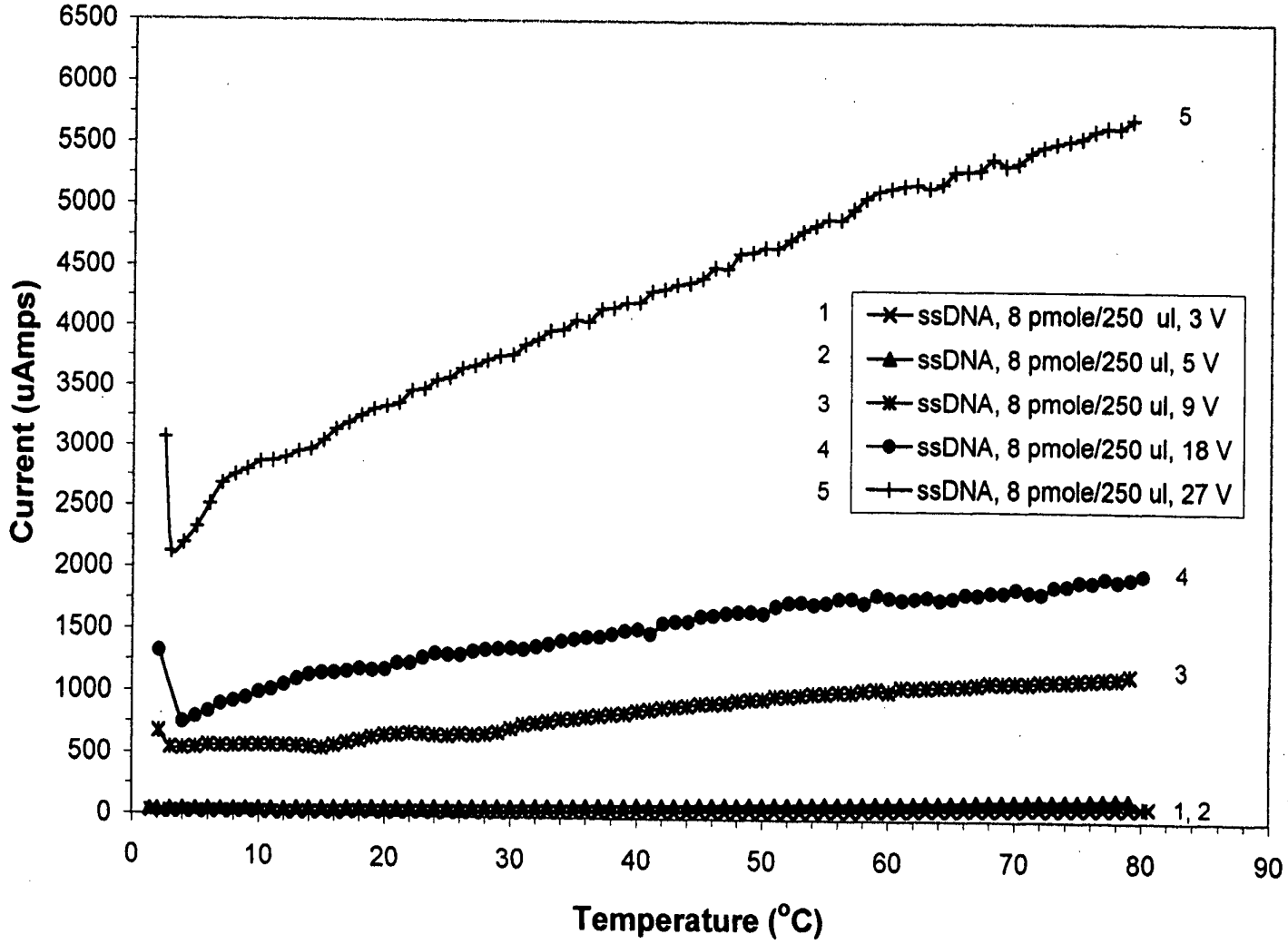

Fig. 13A. IPA of 15-mer ssDNA with decreasing temperature during different voltage applications

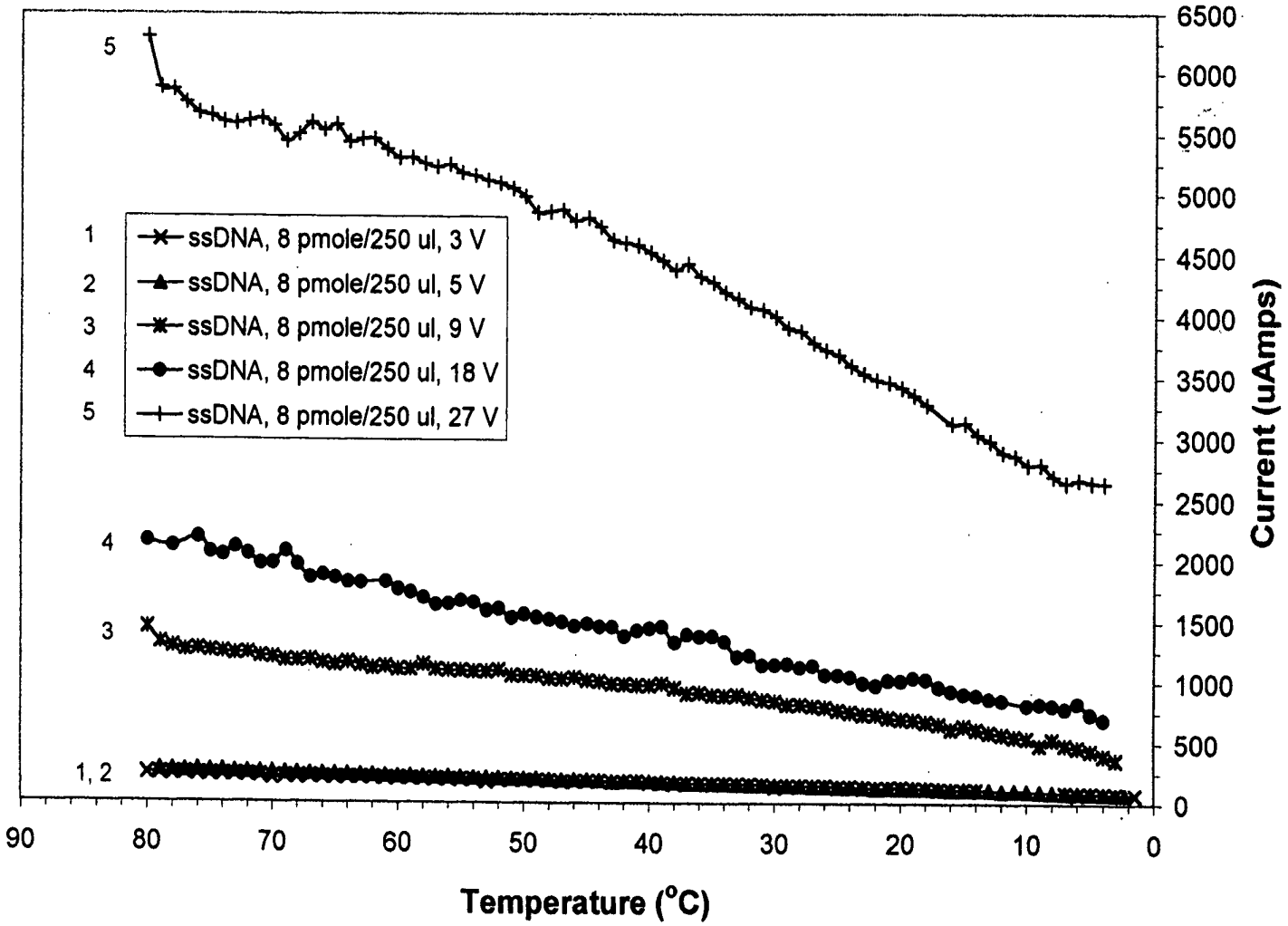

Fig. 13B. AA of 15-mer ssDNA with decreasing temperature during different voltage applications

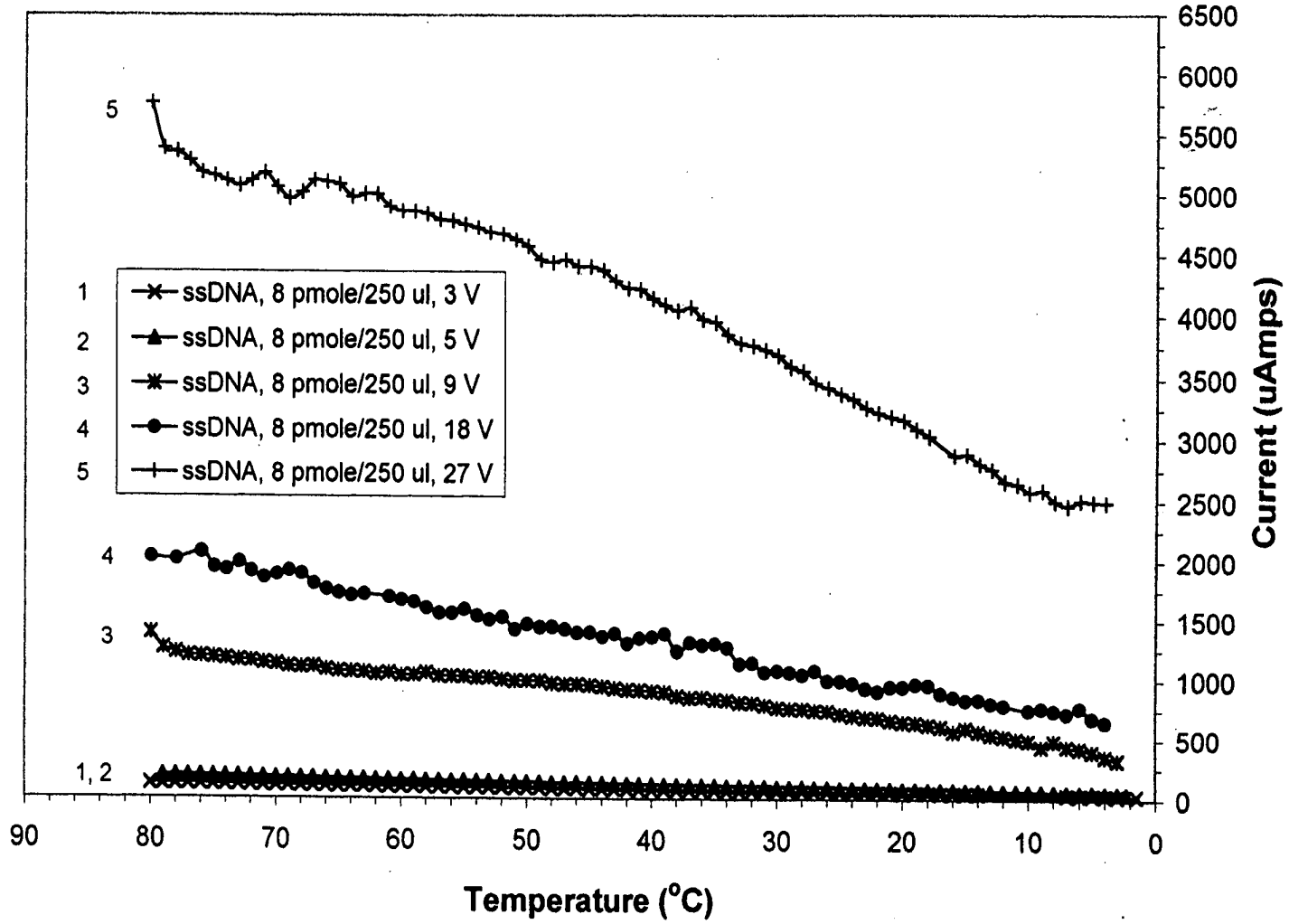

Fig. 14A. IPA of 15-mer dsDNA with increasing temperature during different voltage applications

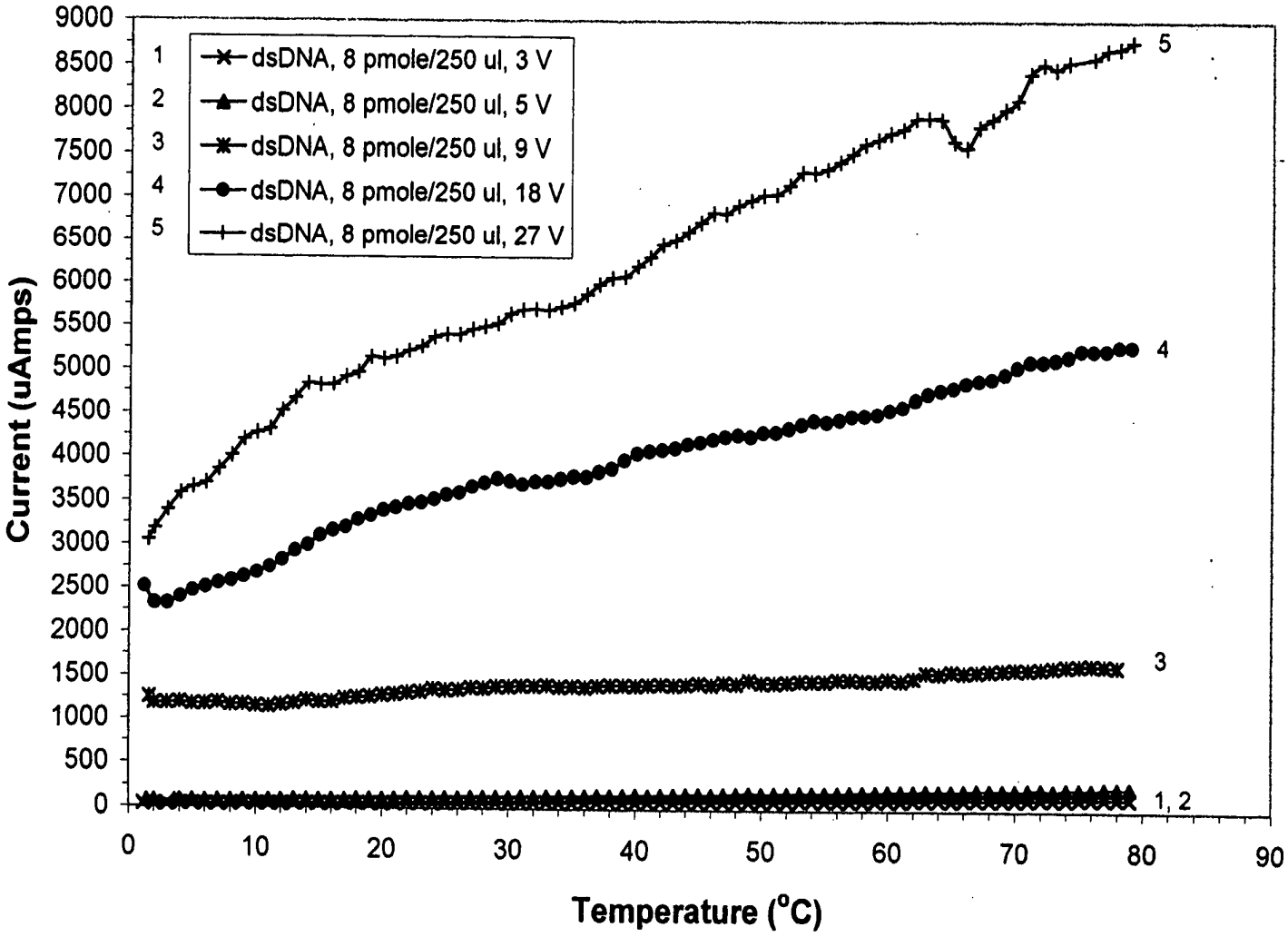

Fig. 14B. AA of 15-mer dsDNA with increasing temperature during different voltage applications

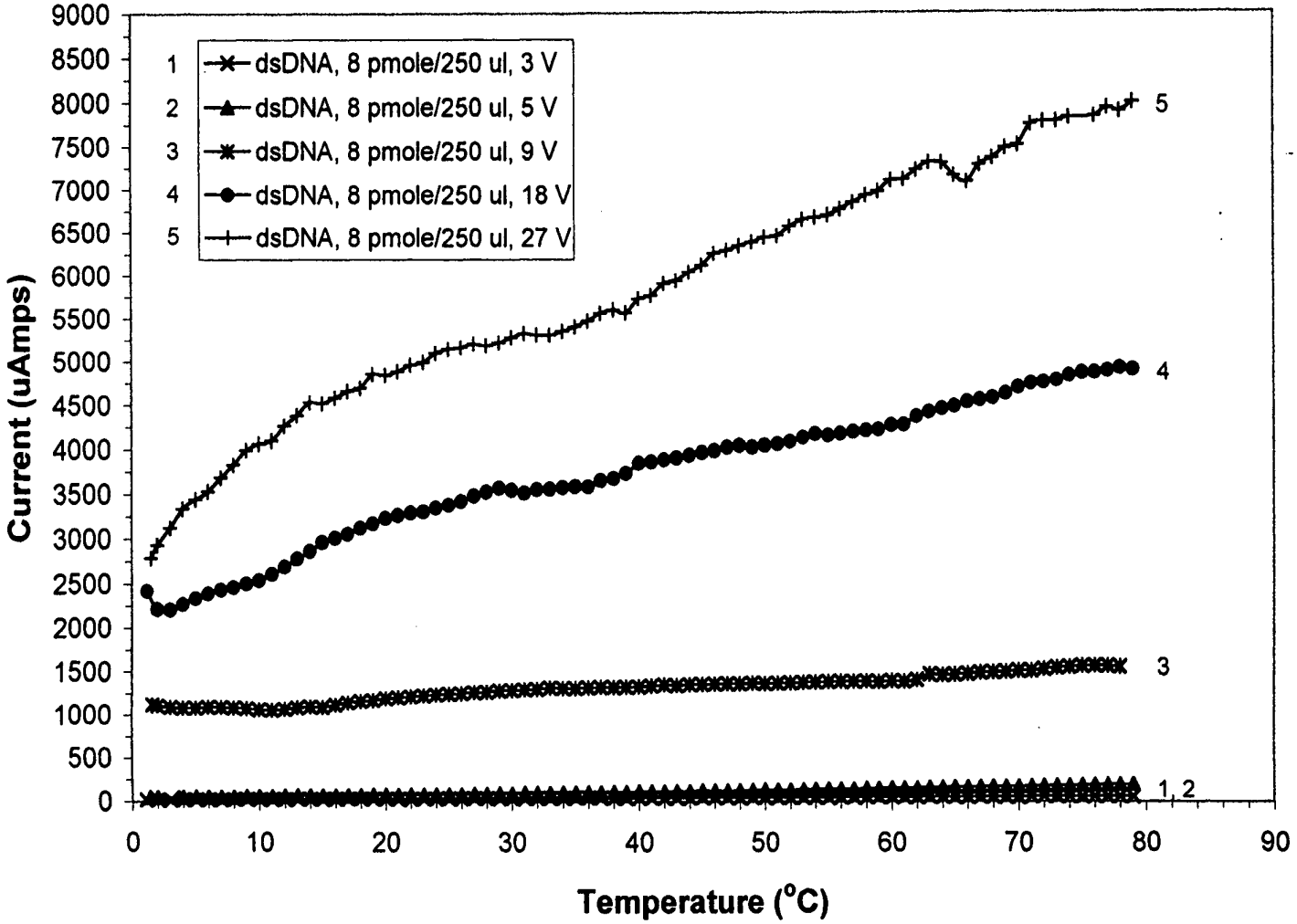

Fig. 15A. IPA of 15-mer dsDNA with decreasing temperature during different voltage applications

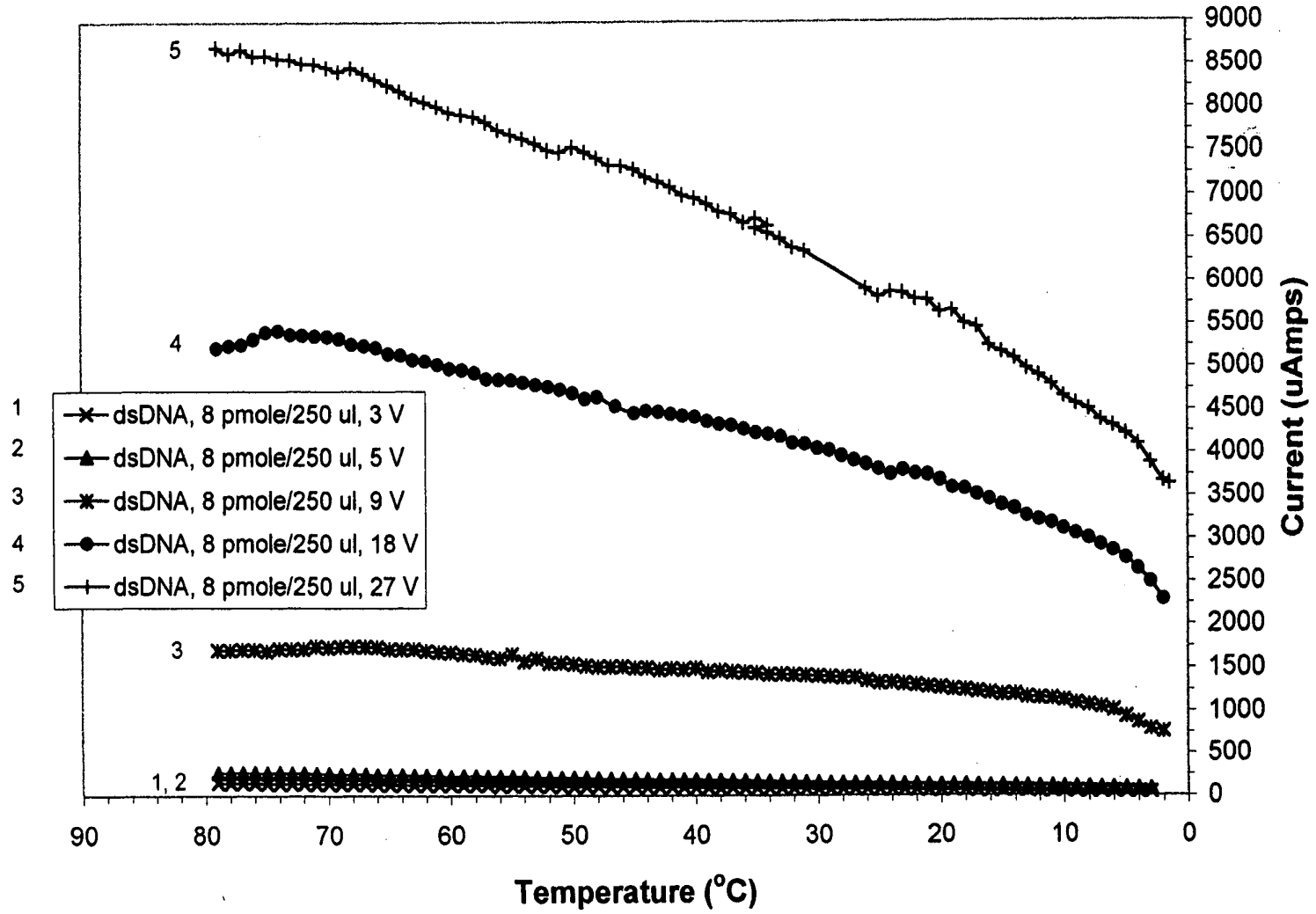

Fig. 15B. AA of 15-mer dsDNA with decreasing temperature during different voltage applications

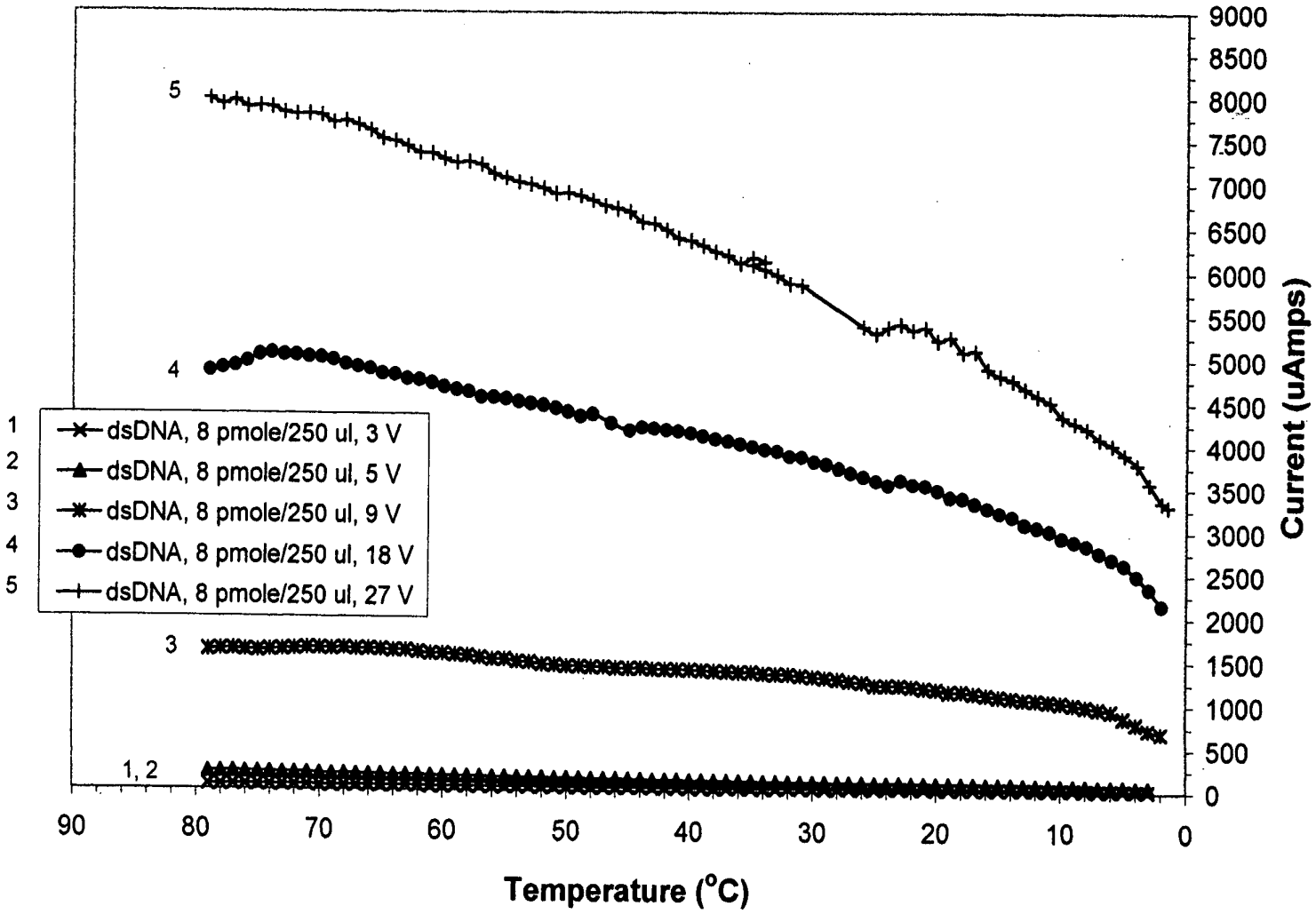

Fig. 16A. Comparison of IPA of 15-mer and 50-mer ssDNA, and 15-mer and 50-mer dsDNA during increasing temperature

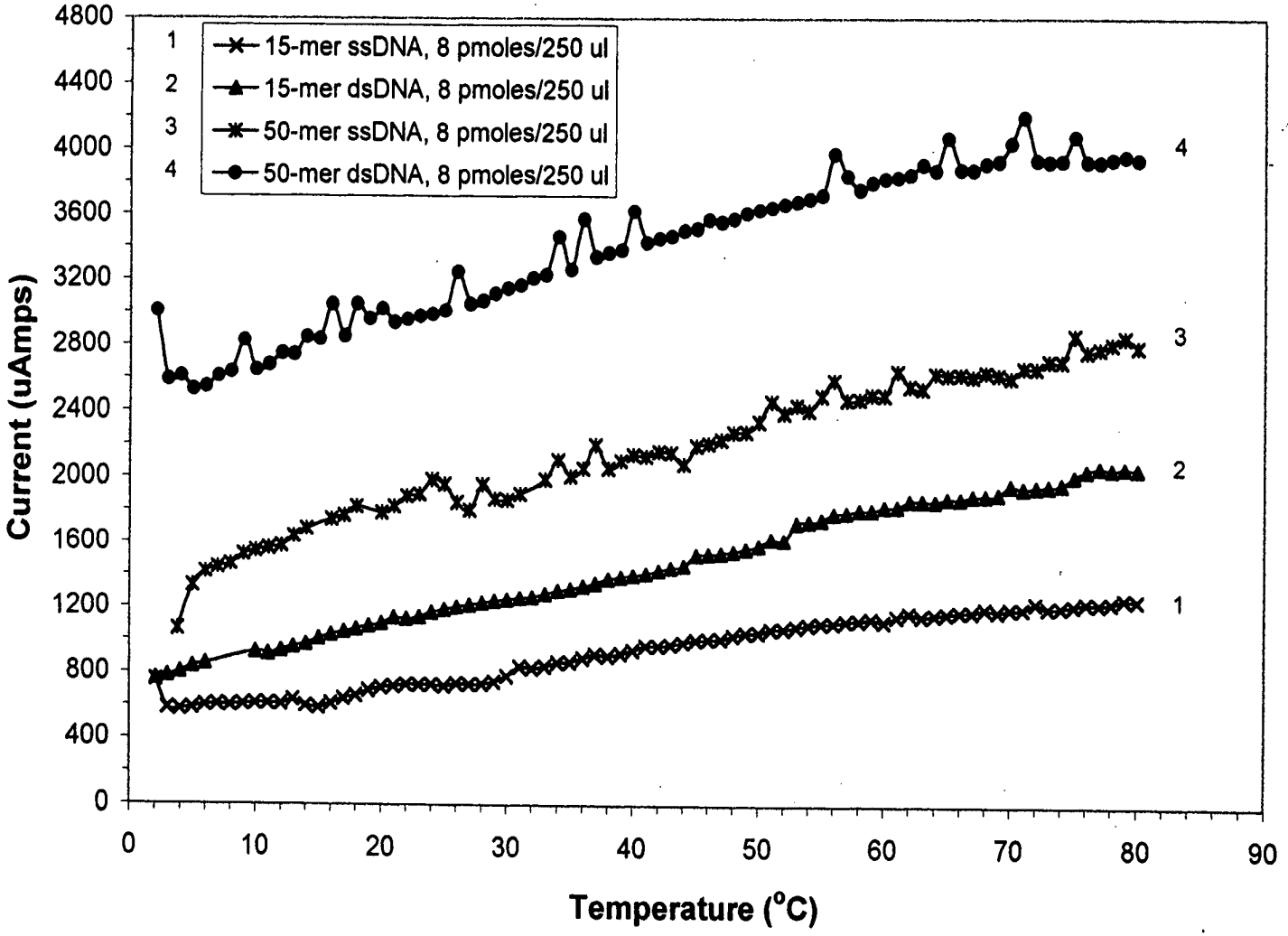

Fig. 16B. Comparison of AA of 15-mer and 50-mer ssDNA, and 15-mer and 50-mer dsDNA during increasing temperature

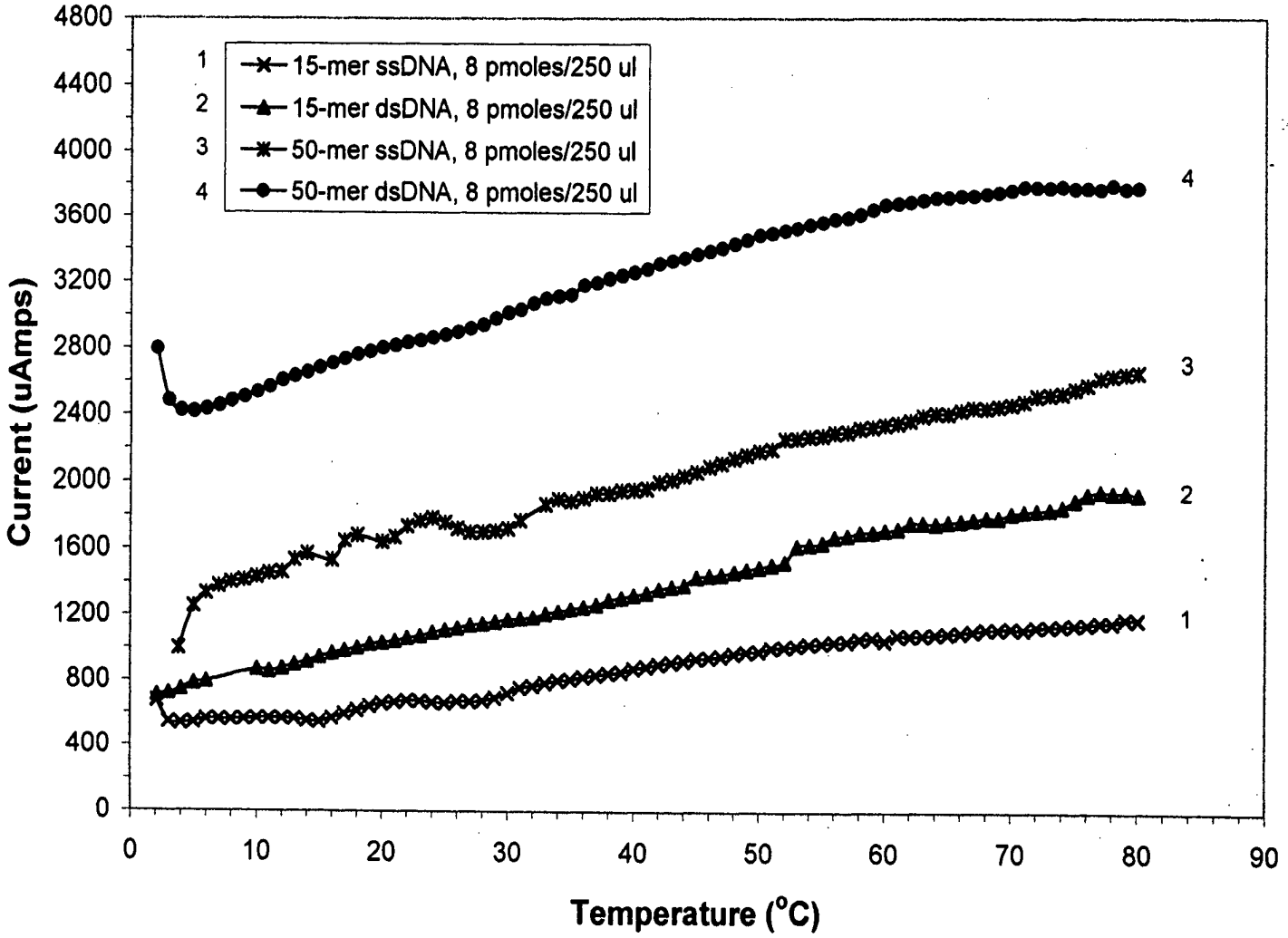

Fig. 17A. Comparison of IPA of 15-mer and 50-mer ssDNA, and 15-mer and 50-mer dsDNA during decreasing temperature

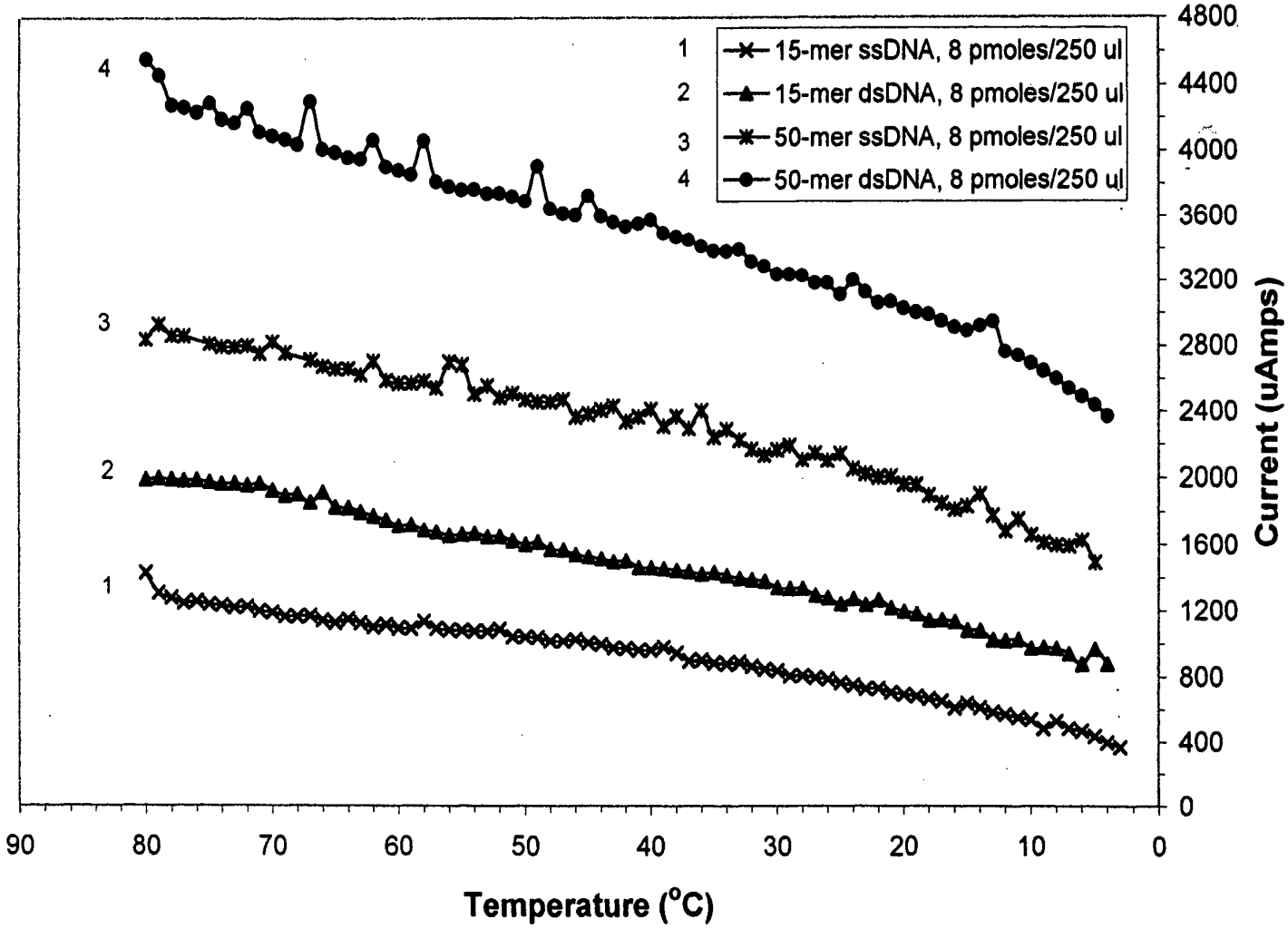

Fig. 17B. Comparison of AA of 15-mer and 50-mer ssDNA, and 15-mer and 50-mer dsDNA during decreasing temperature

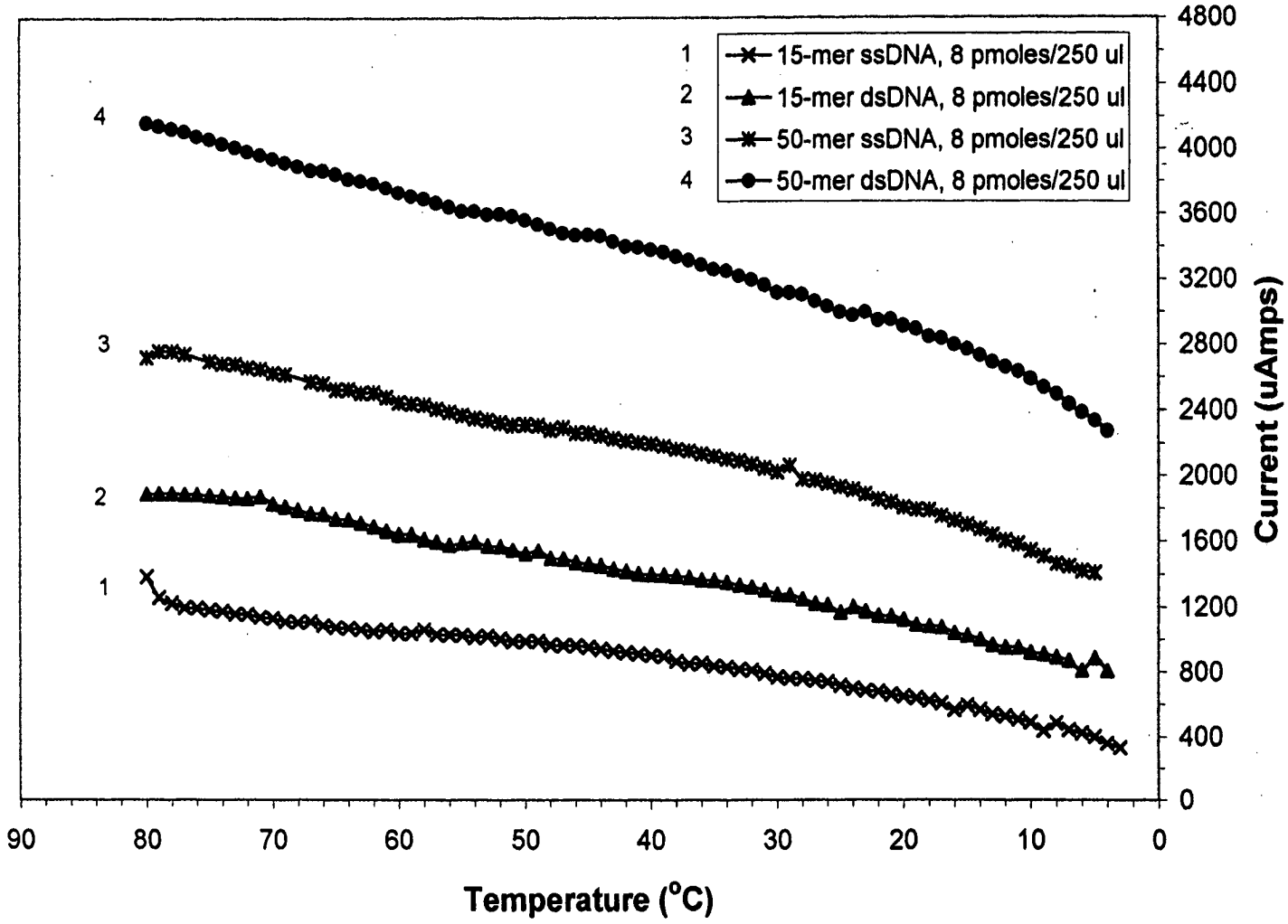

Fig. 18A. Comparison of IPA of 15-mer ssDNA and parallel homologous 50-mer ssDNA with increasing temperature

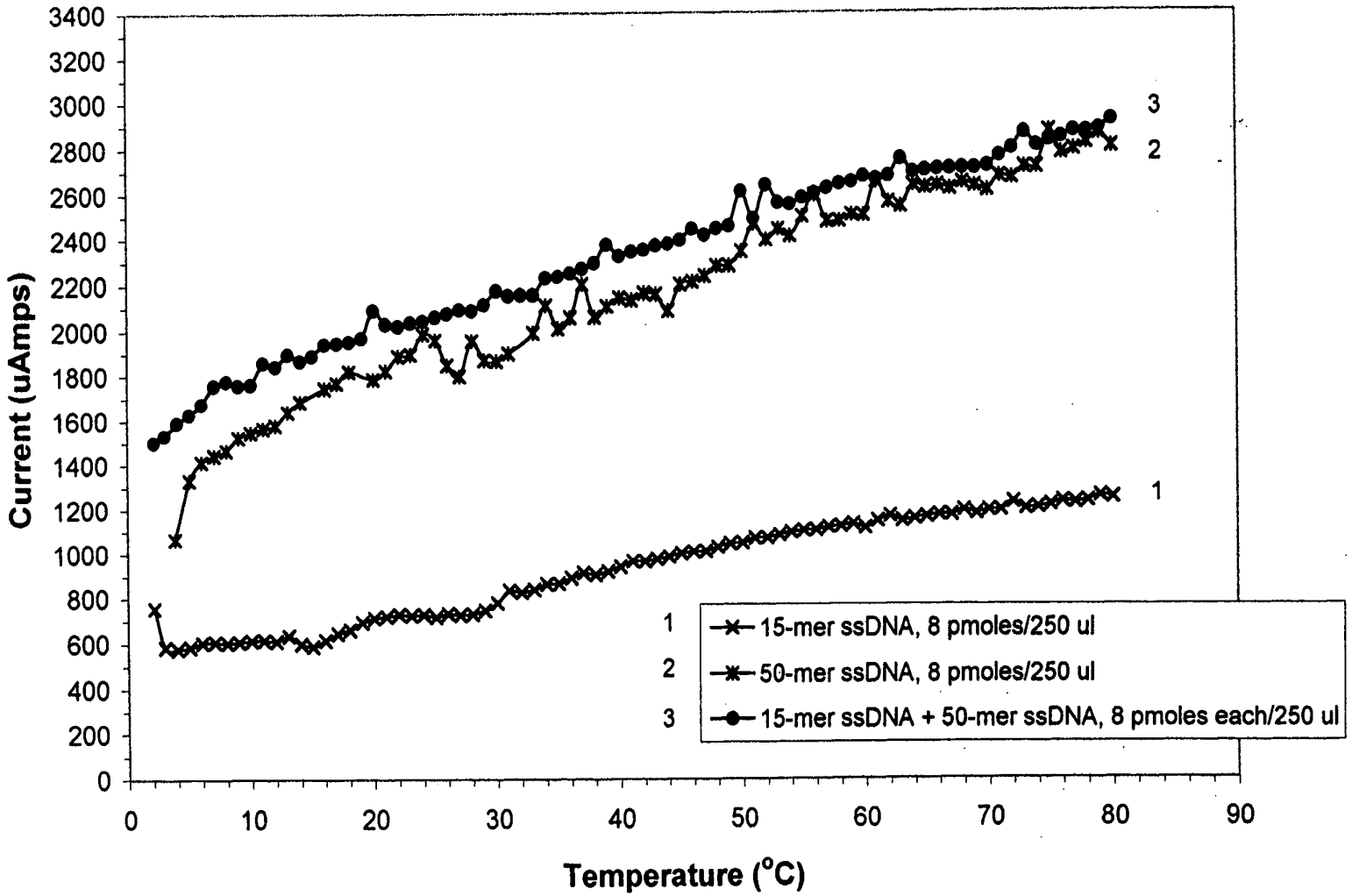

Fig. 18B. Comparison of AA of 15-mer ssDNA and parallel homologous 50-mer ssDNA with increasing temperature

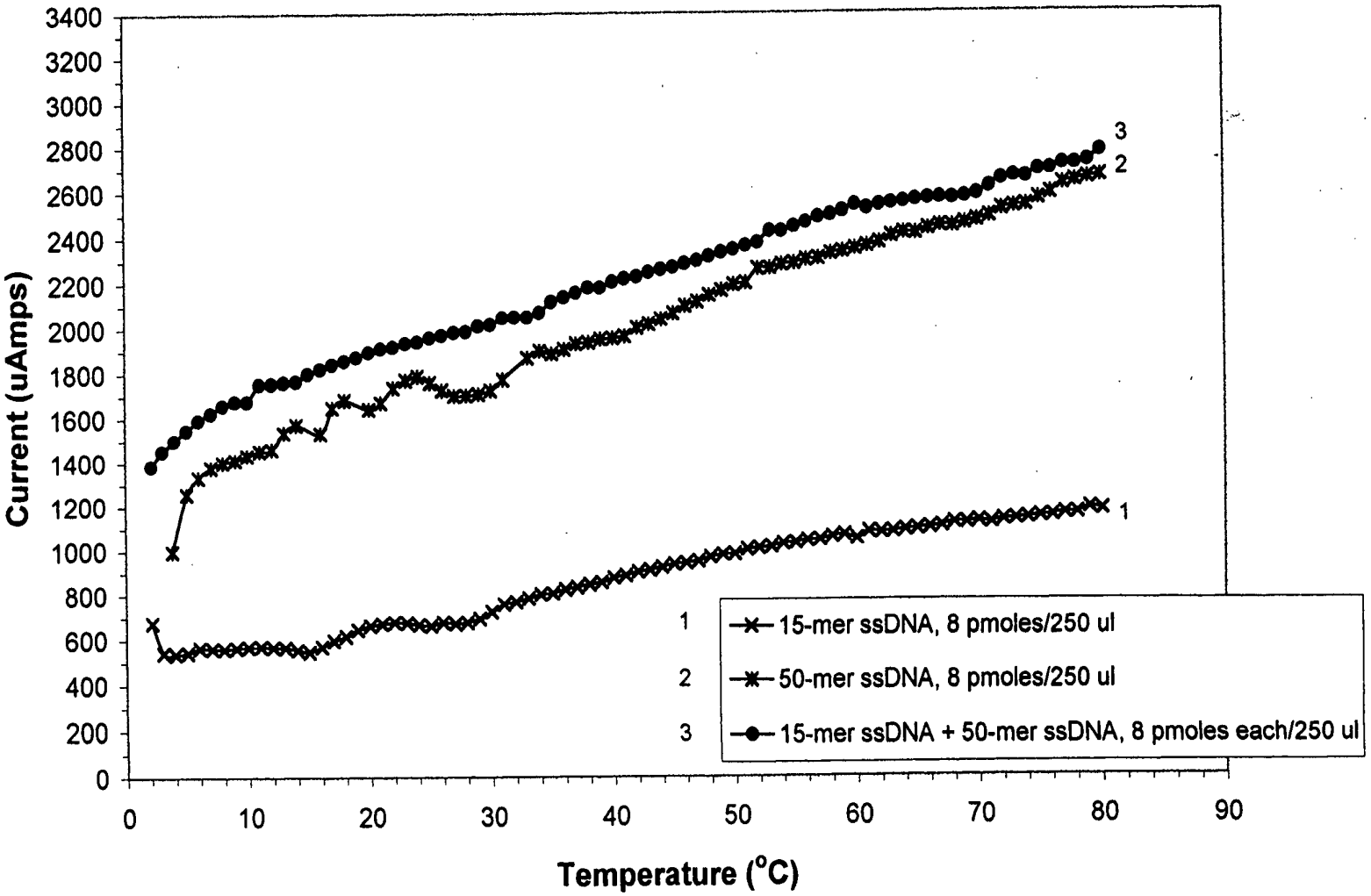

Fig. 19A. Comparison of IPA of 15-mer ssDNA and parallel homologous 50-mer ssDNA with decreasing temperature

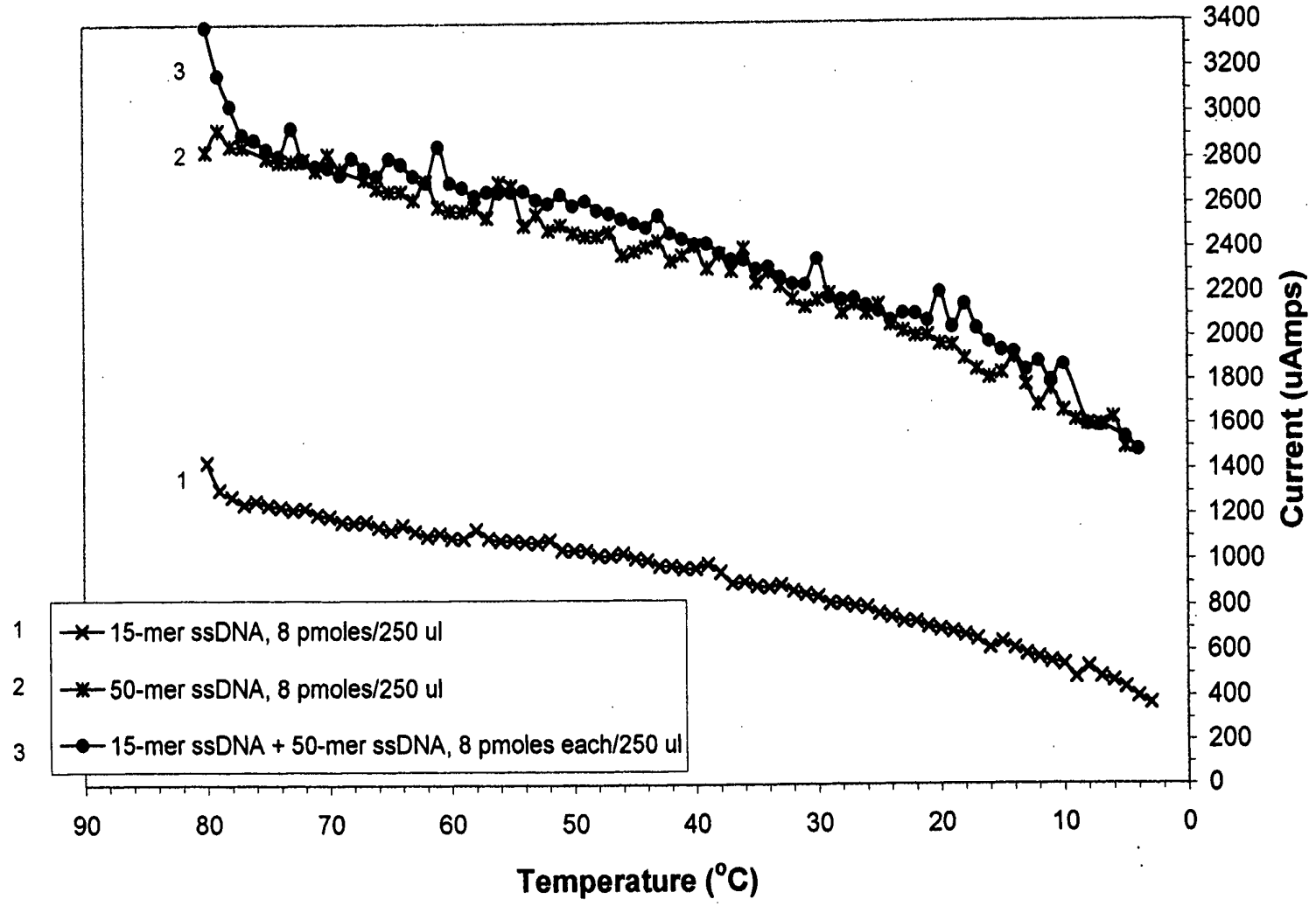

Fig. 19B. Comparison of AA of 15-mer ssDNA and parallel homologous 50-mer ssDNA with decreasing temperature

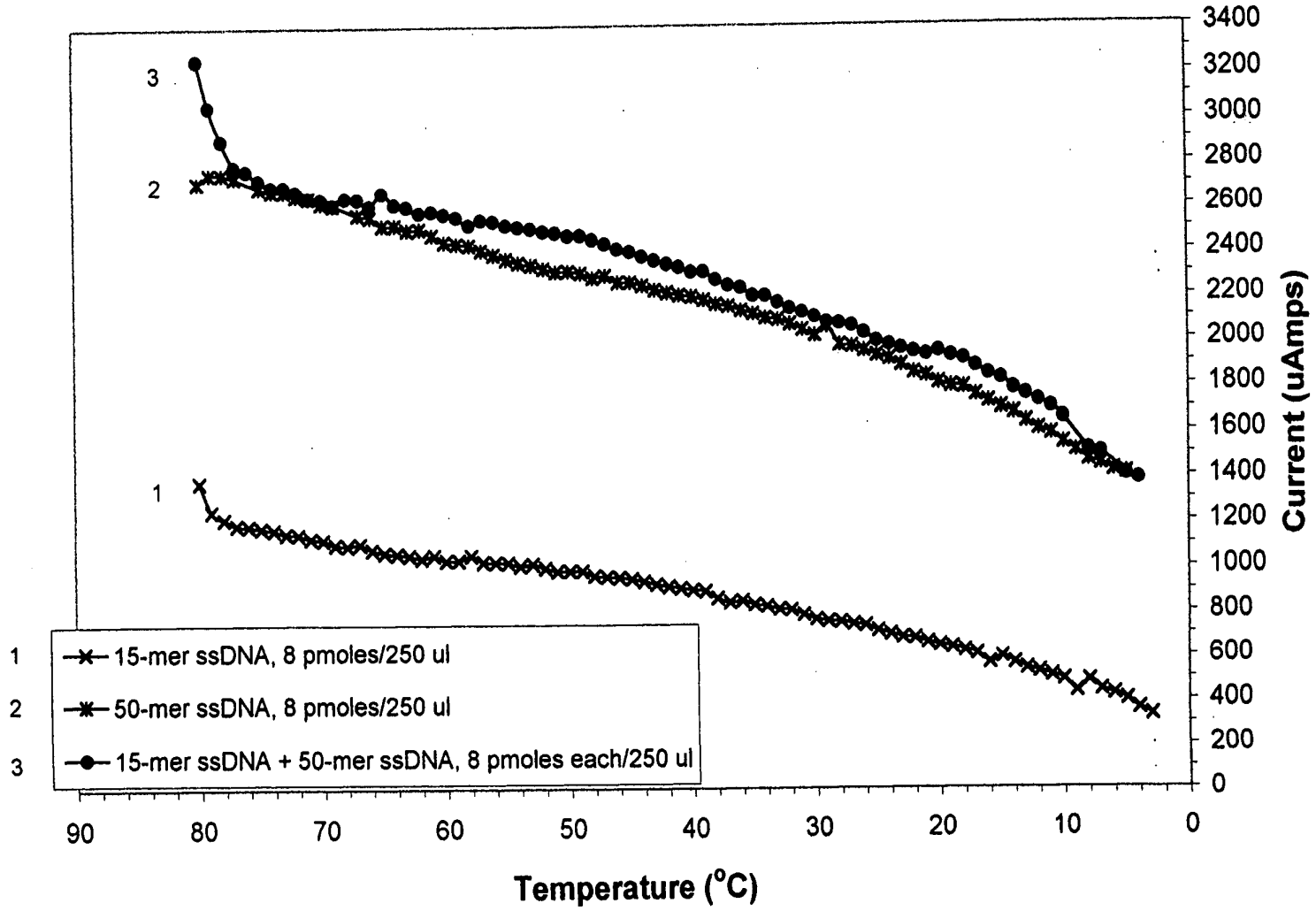

Fig. 20A. Comparison of IPA of 15-mer ssDNA and antiparallel complementary 50-mer ssDNA during increasing temperature

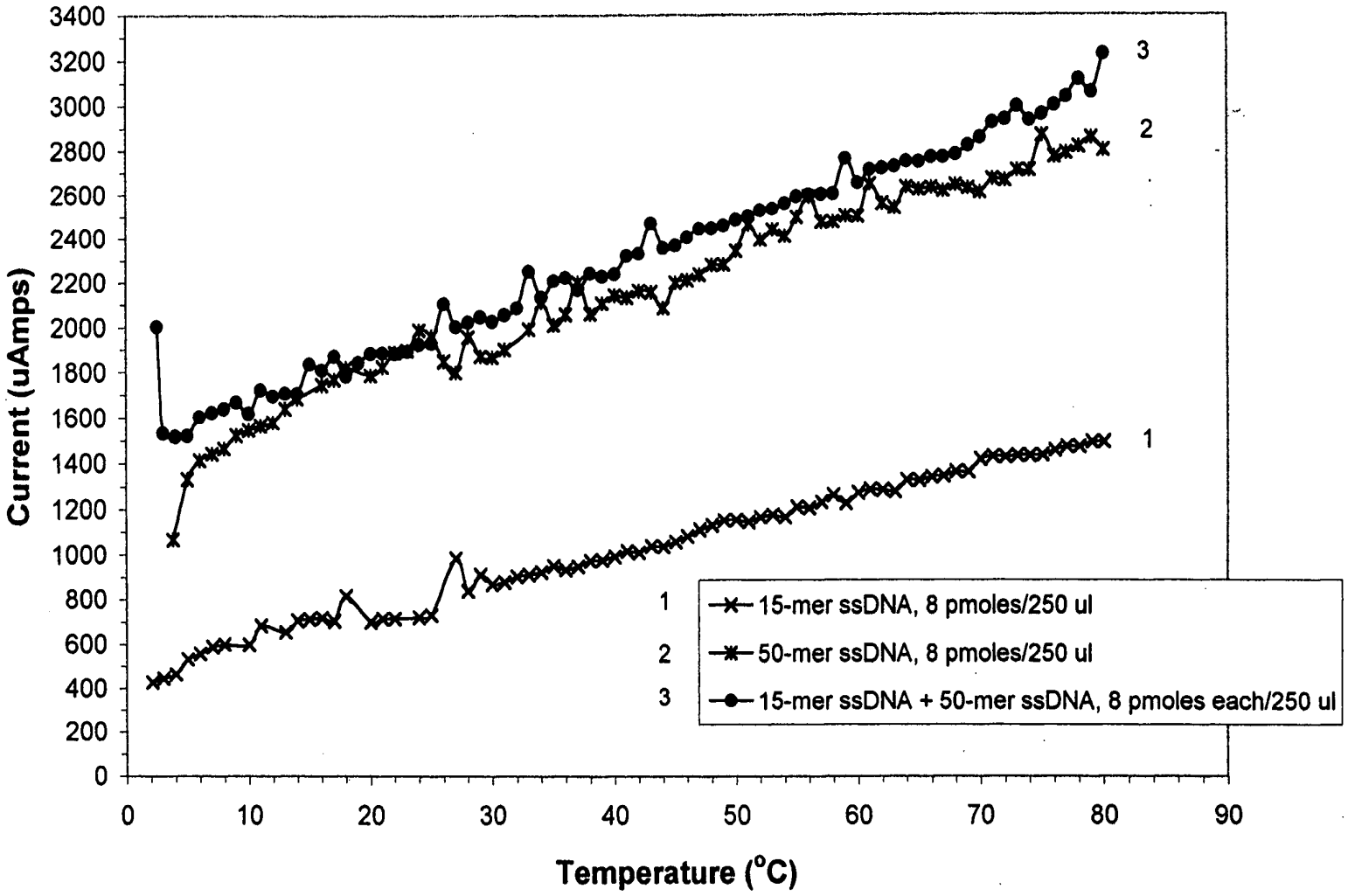

Fig. 20B. Comparison of AA of 15-mer ssDNA and antiparallel complementary 50-mer ssDNA during increasing temperature

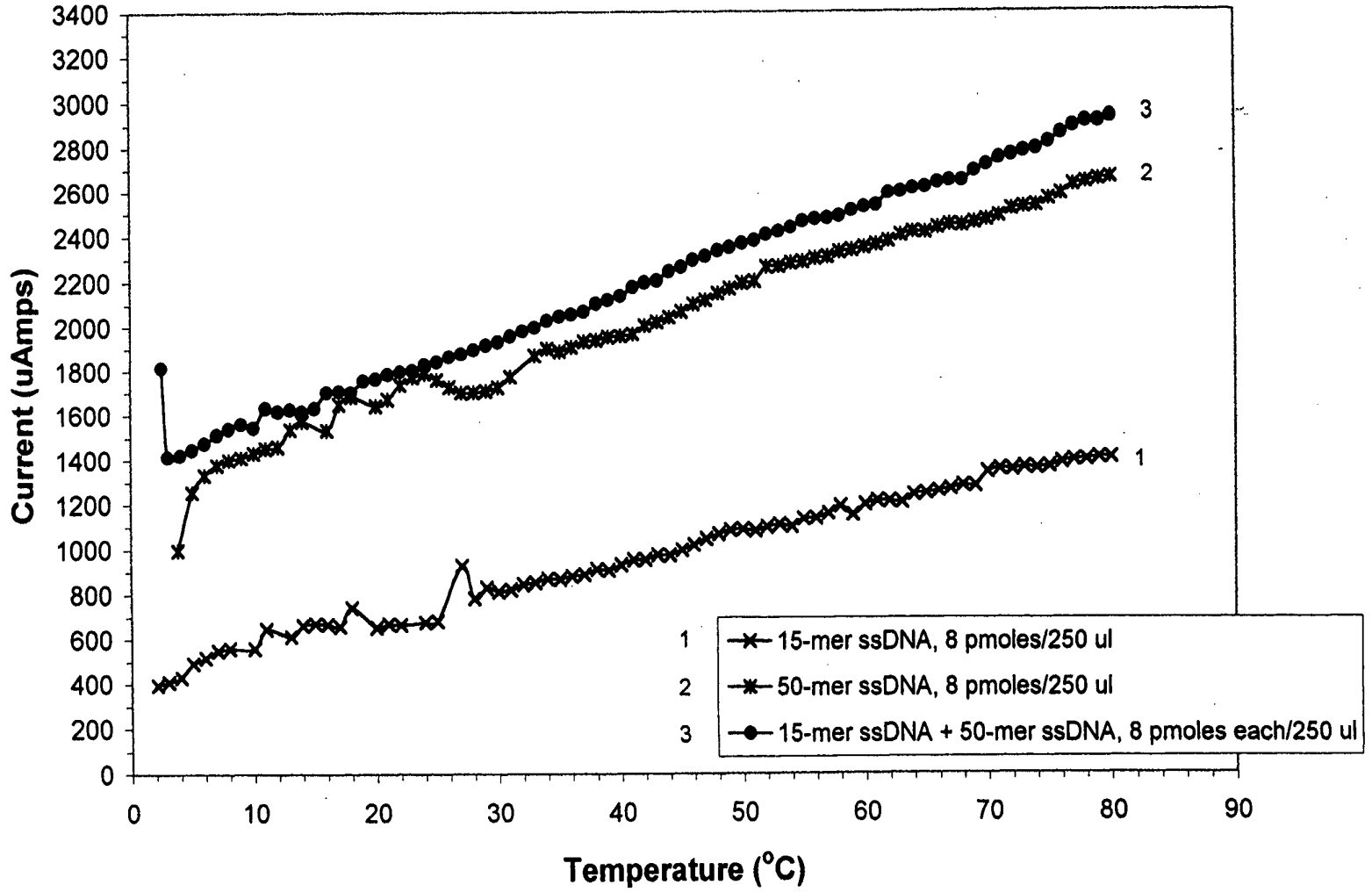

Fig. 21A. Comparison of IPA of 15-mer ssDNA and antiparallel complementary 50-mer ssDNA with decreasing temperature

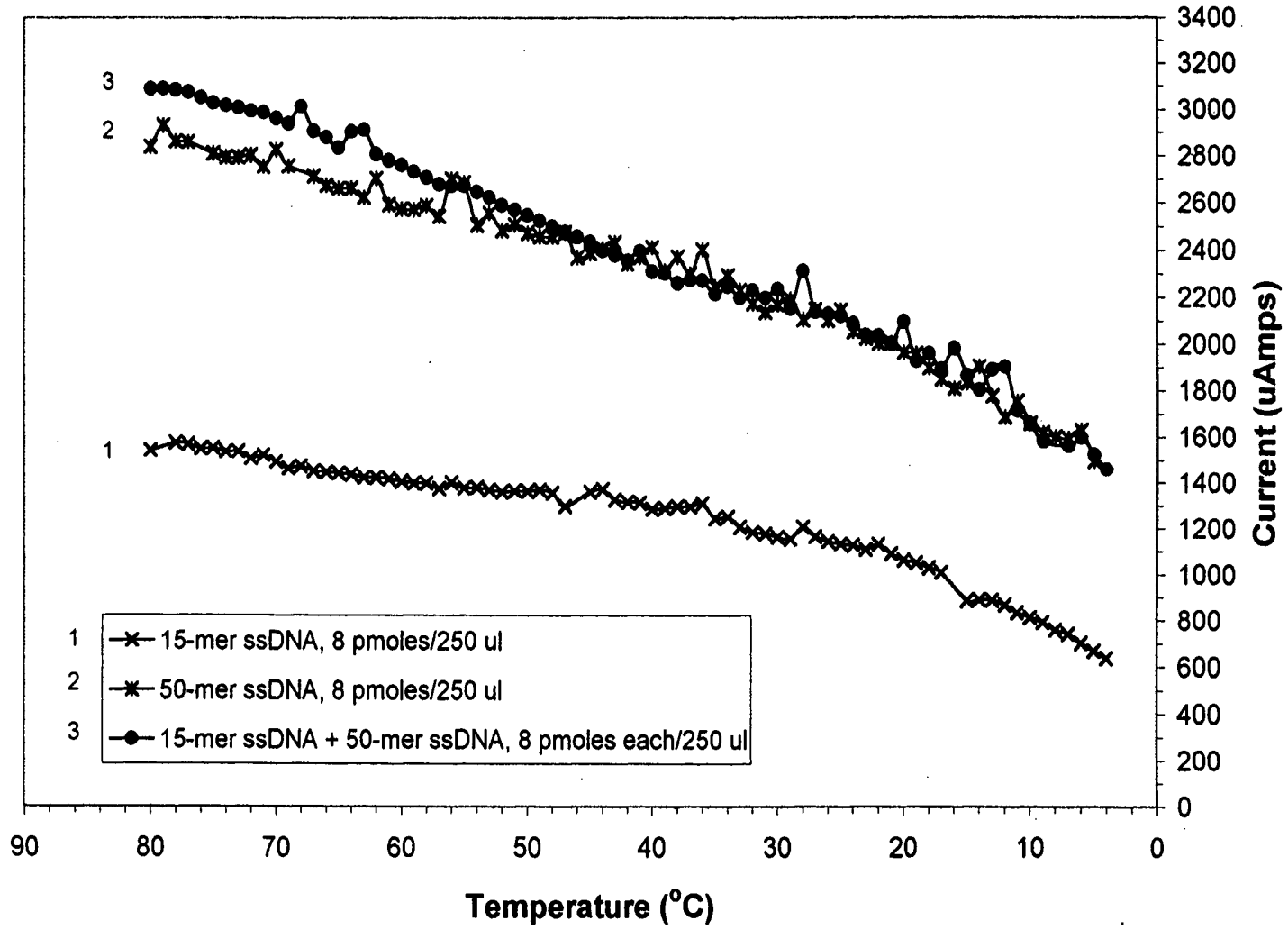

Fig. 21B. Comparison of AA of 15-mer ssDNA and antiparallel complementary 50-mer ssDNA with decreasing temperature

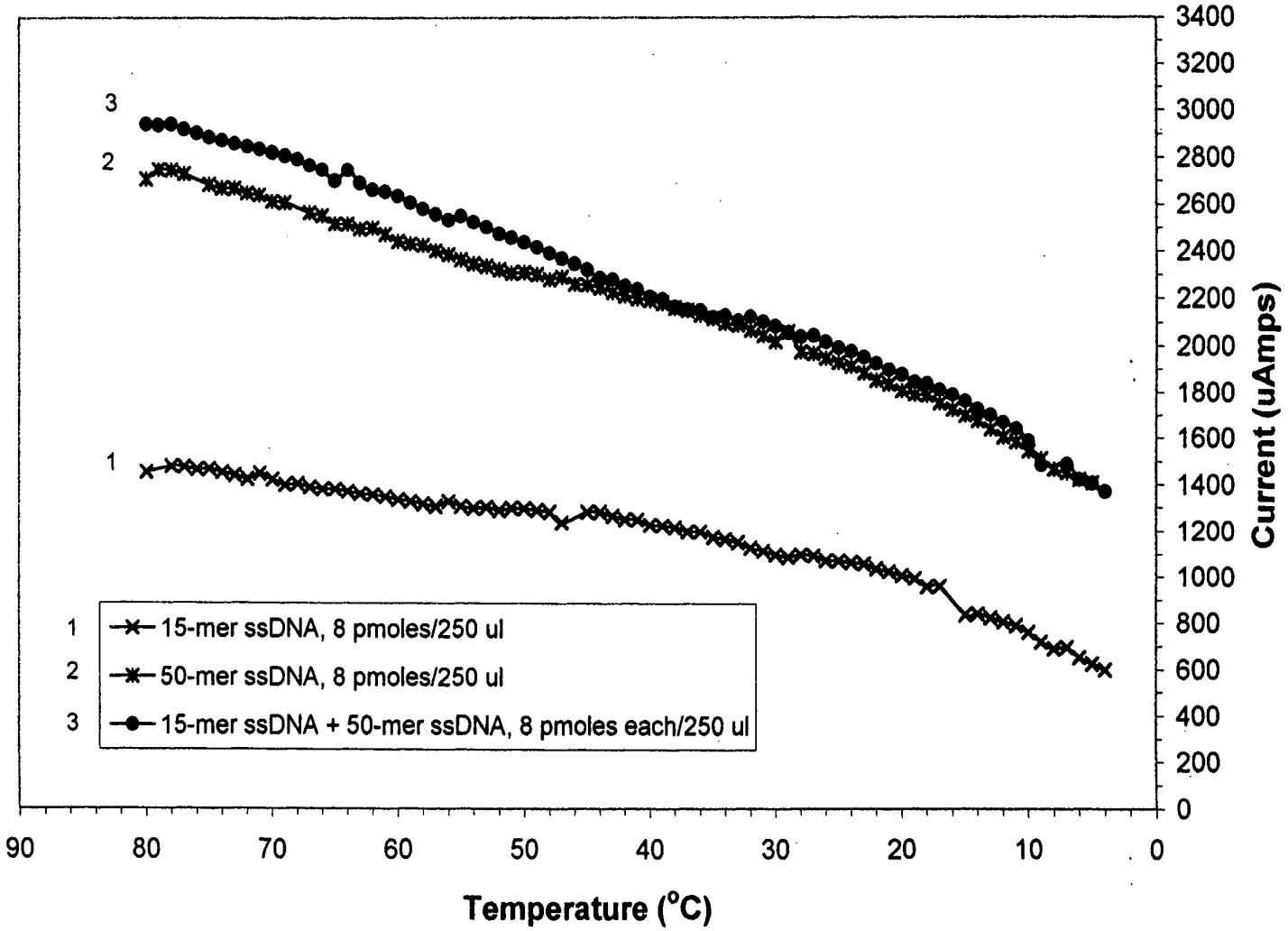

Fig. 22A. Comparison of IPA of 15-mer ssDNA and unrelated 50-mer ssDNA during increasing temperature

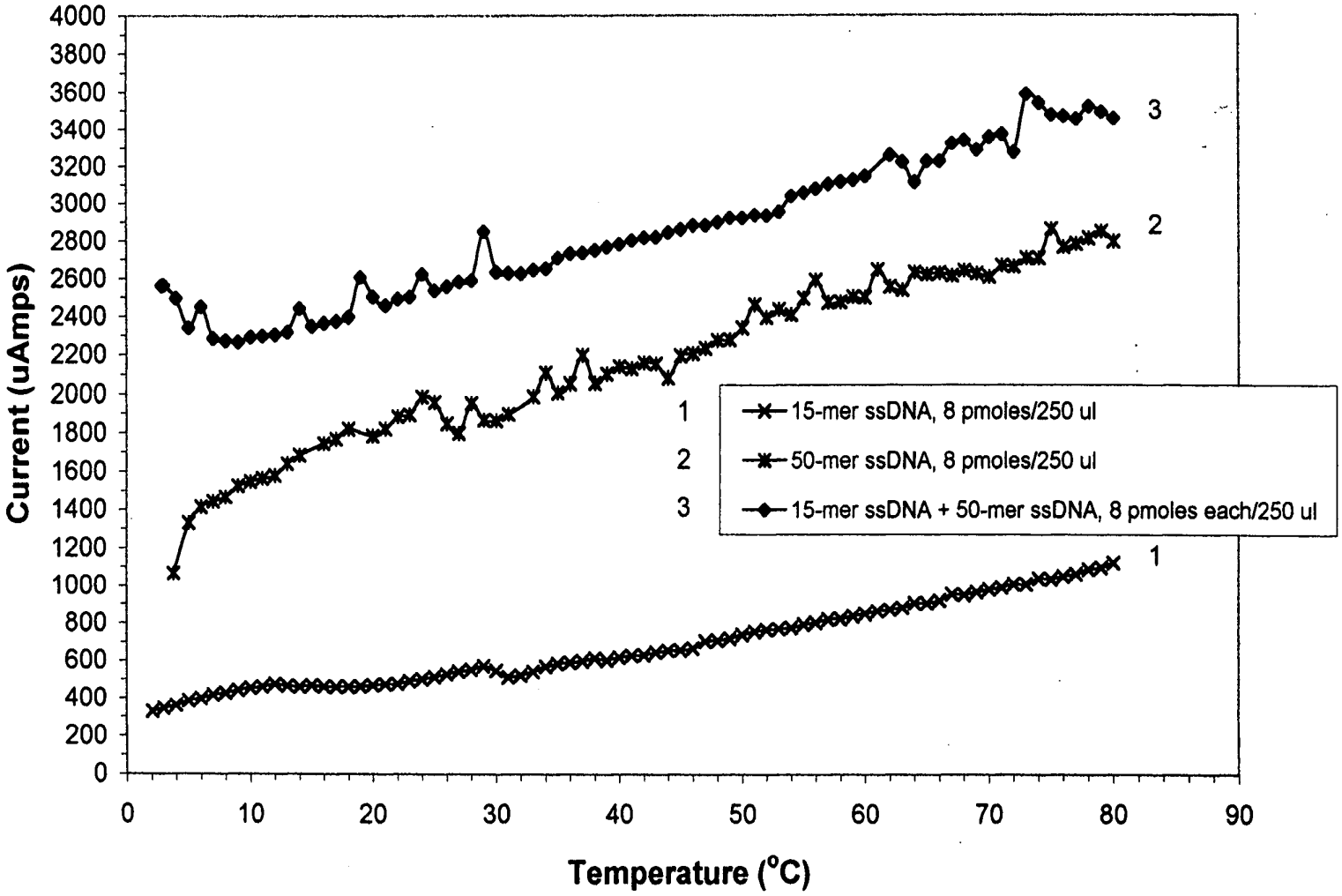

Fig. 22B. Comparison of AA of 15-mer ssDNA and unrelated 50-mer ssDNA during increasing temperature

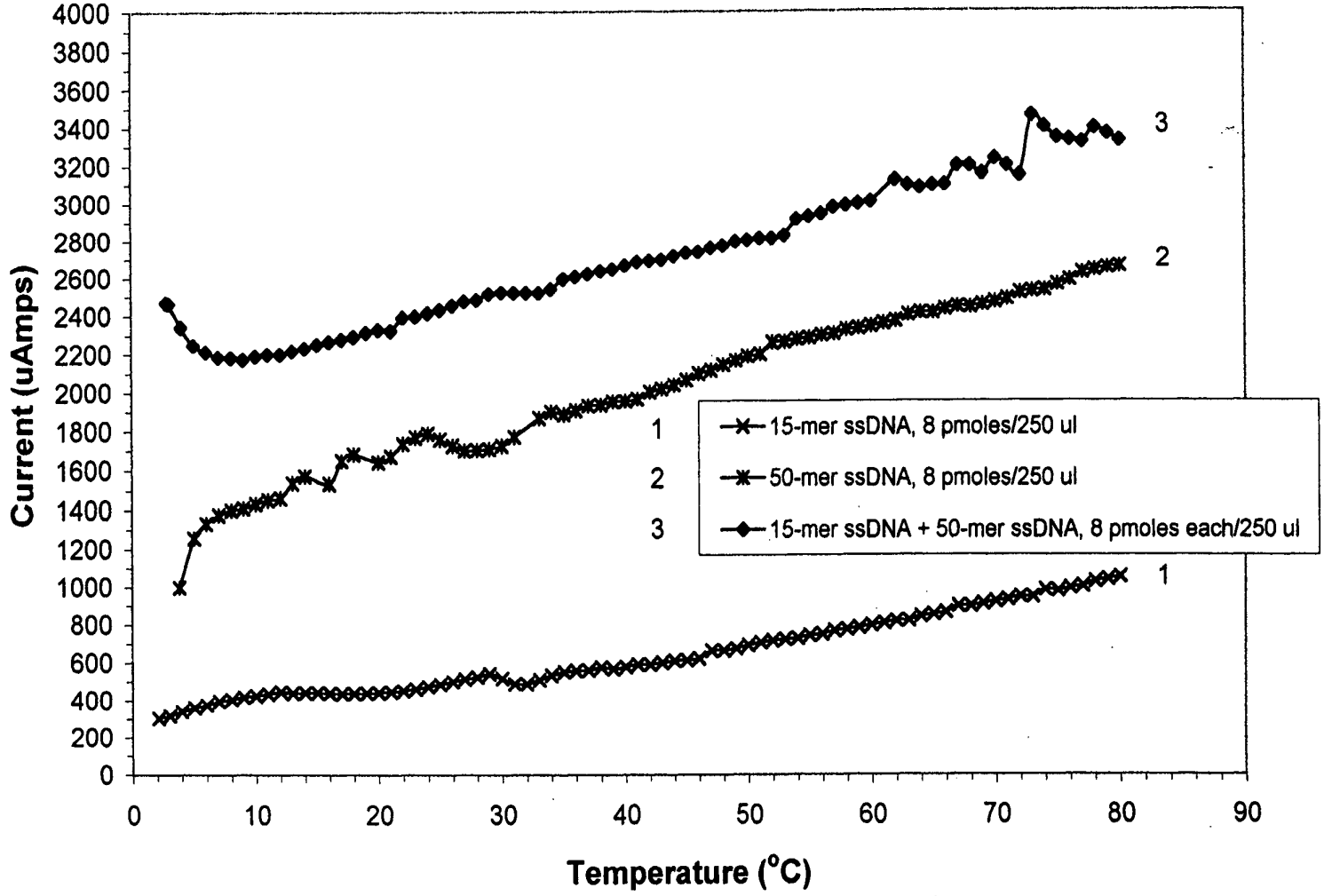

Fig. 23A. Comparison of IPA of 15-mer ssDNA and unrelated 50-mer ssDNA during decreasing temperature

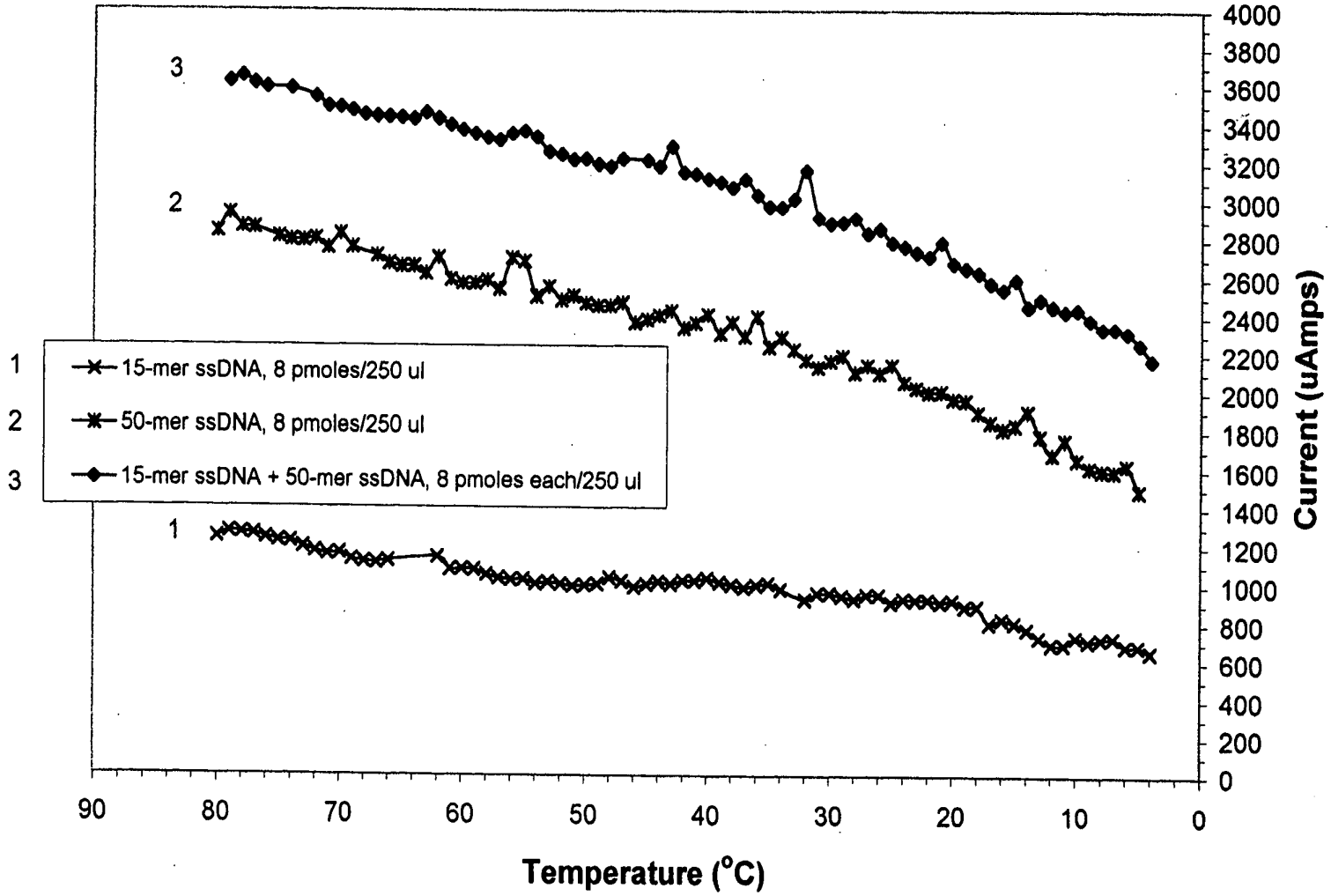

Fig. 23B. Comparison of AA of 15-mer ssDNA and unrelated 50-mer ssDNA during decreasing temperature

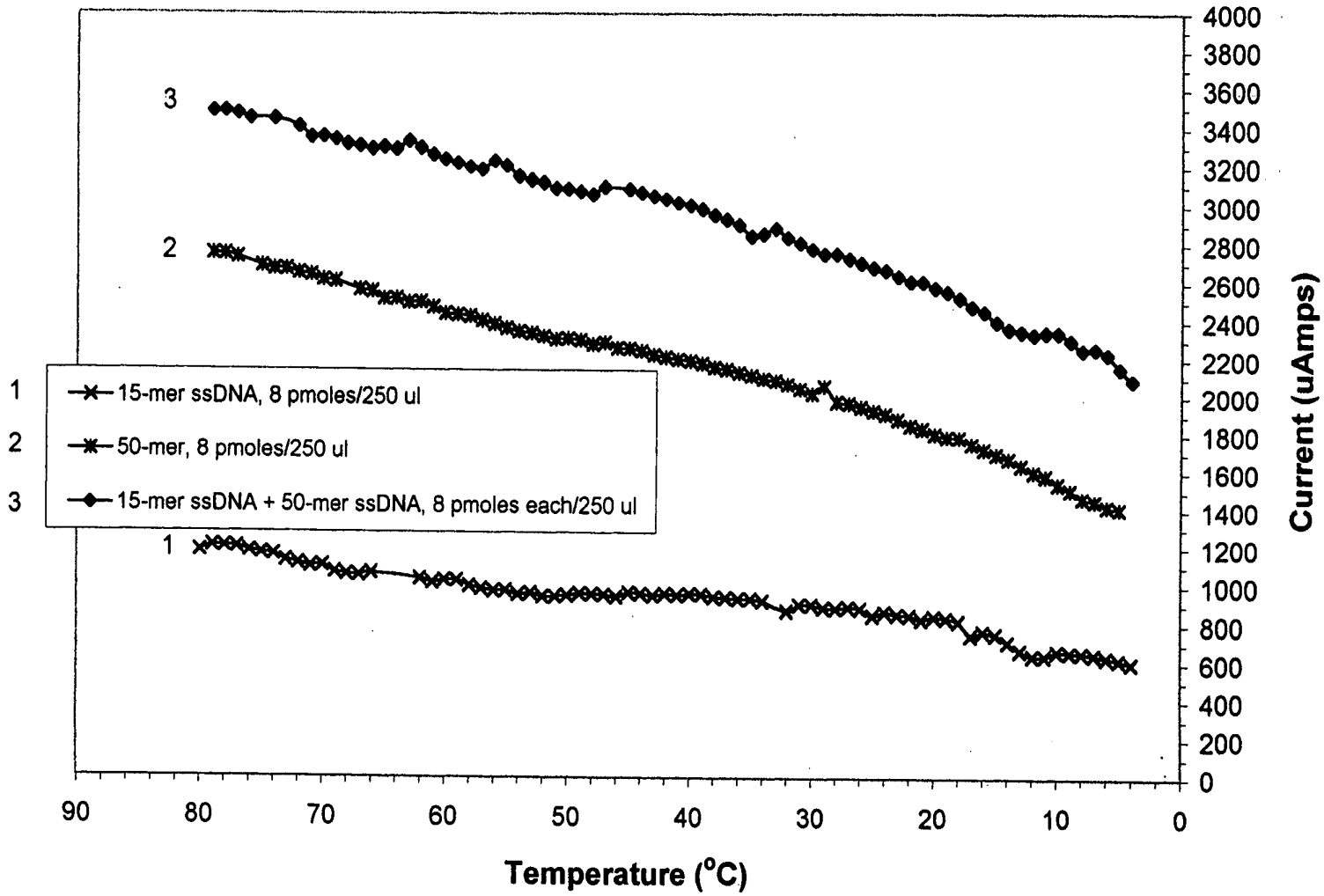

Fig. 24A. Comparison of IPA of mixes of 50-mer dsDNA with antiparallel complementary 15-mer ssDNA or with parallel homologous 15-mer dsDNA during increasing temperature

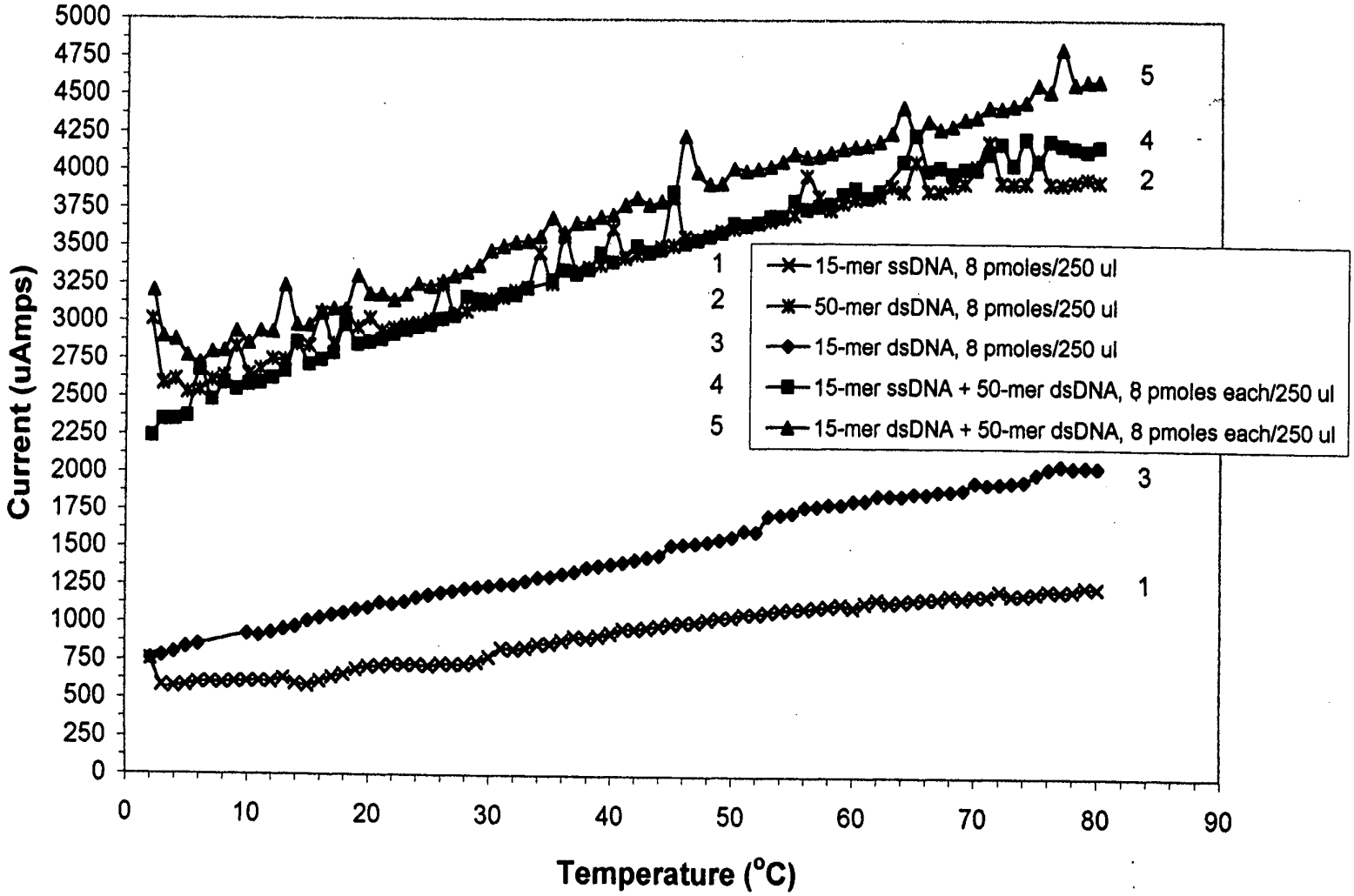

Fig. 24B. Comparison of AA of mixes of 50-mer dsDNA with antiparallel complementary 15-mer ssDNA or with parallel homologous 15-mer dsDNA during increasing temperature

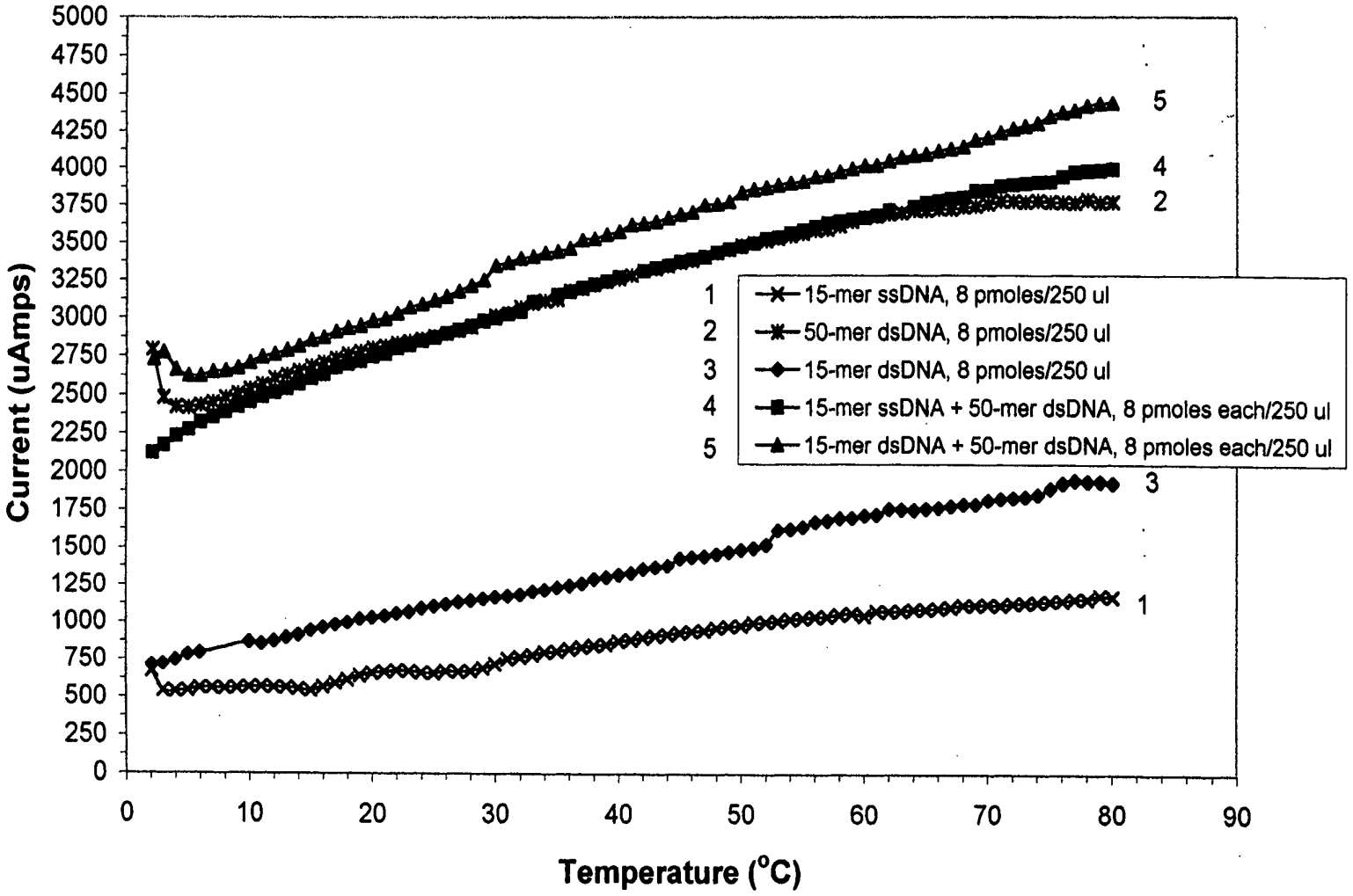

Fig. 25A. Comparison of IPA of mixes of 50-mer dsDNA with antiparallel complementary 15-mer ssDNA or with parallel homologous 15-mer dsDNA during decreasing temperature

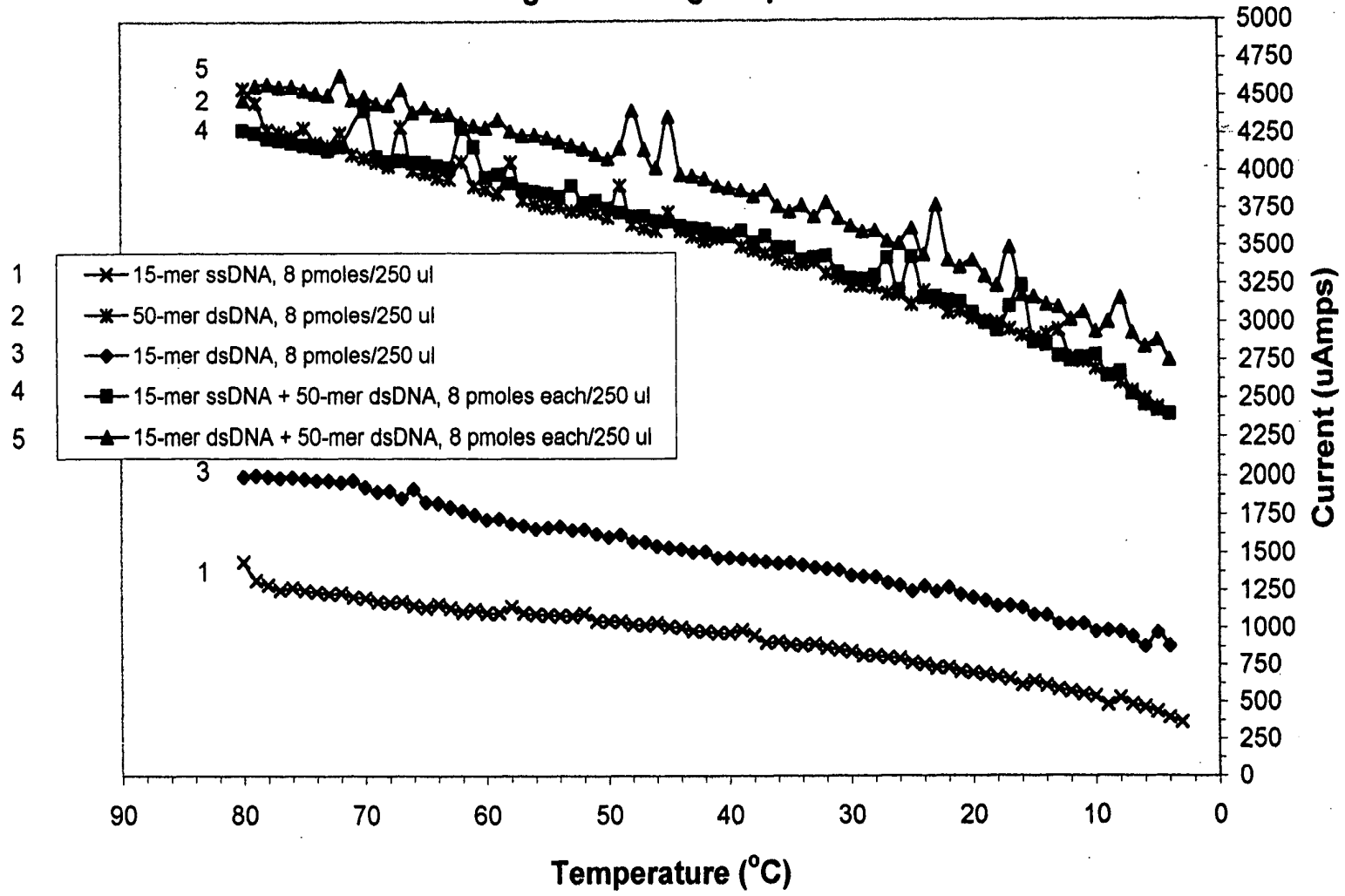

Fig. 25B. Comparison of AA of mixes of 50-mer dsDNA with antiparallel complementary 15-mer ssDNA or with parallel homologous 15-mer dsDNA during decreasing temperature

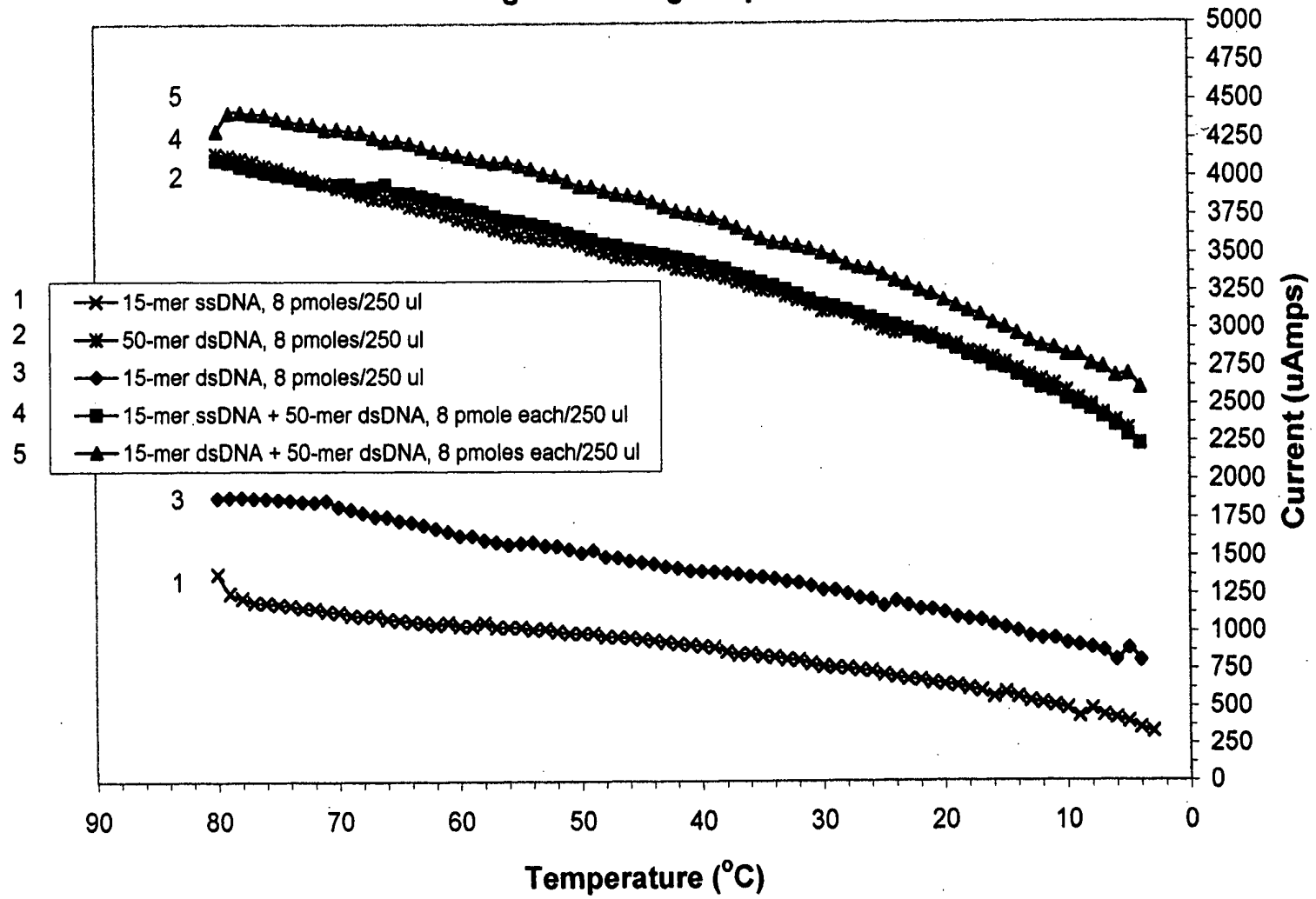

Fig. 26B. Comparison of AA of mixes of 50-mer dsDNA with unrelated 15-mer ssDNA or with unrelated 15-mer dsDNA during increasing temperature

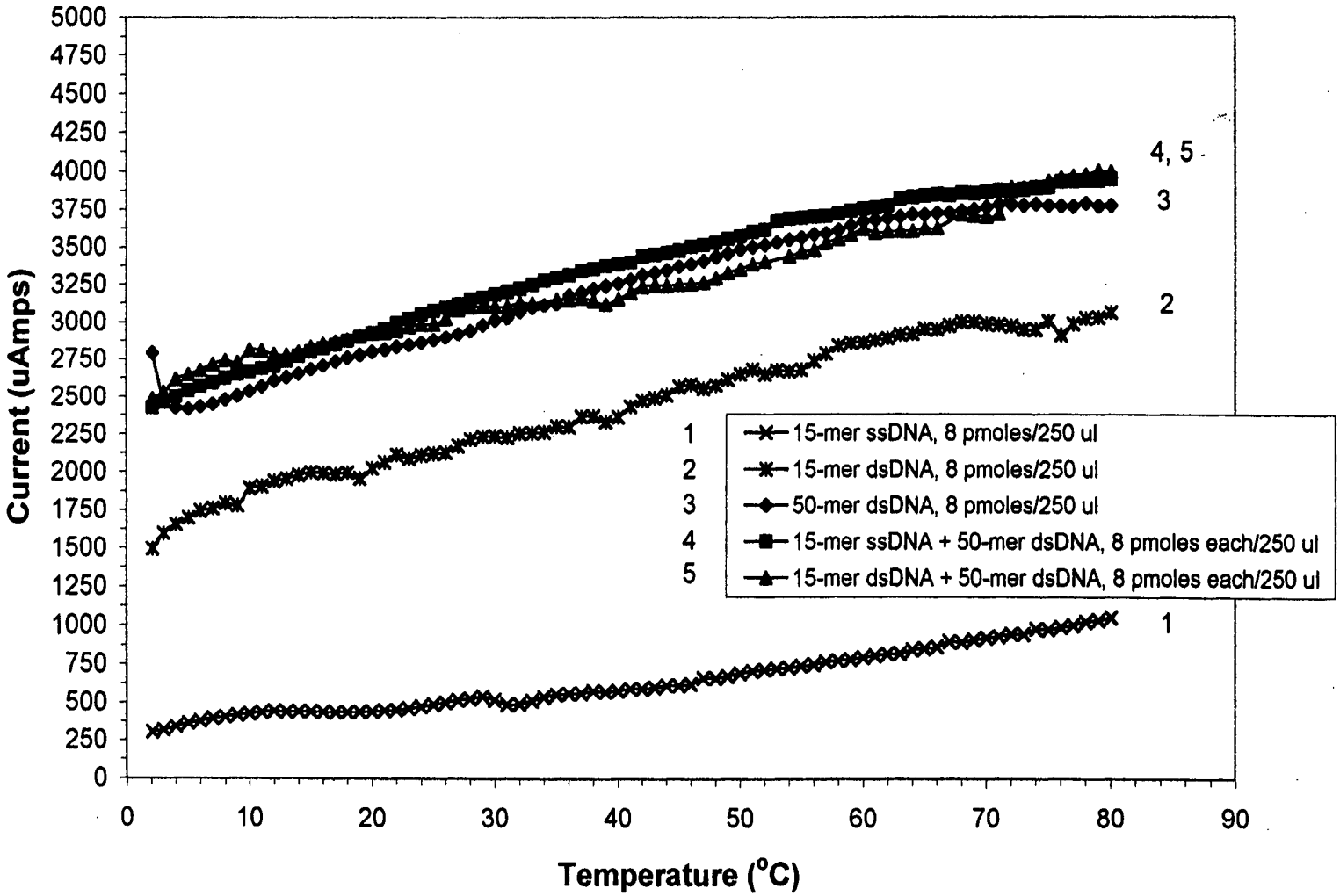

Fig. 26A. Comparison of IPA of mixes of 50-mer dsDNA with unrelated 15-mer ssDNA or with unrelated 15-mer dsDNA during increasing temperature

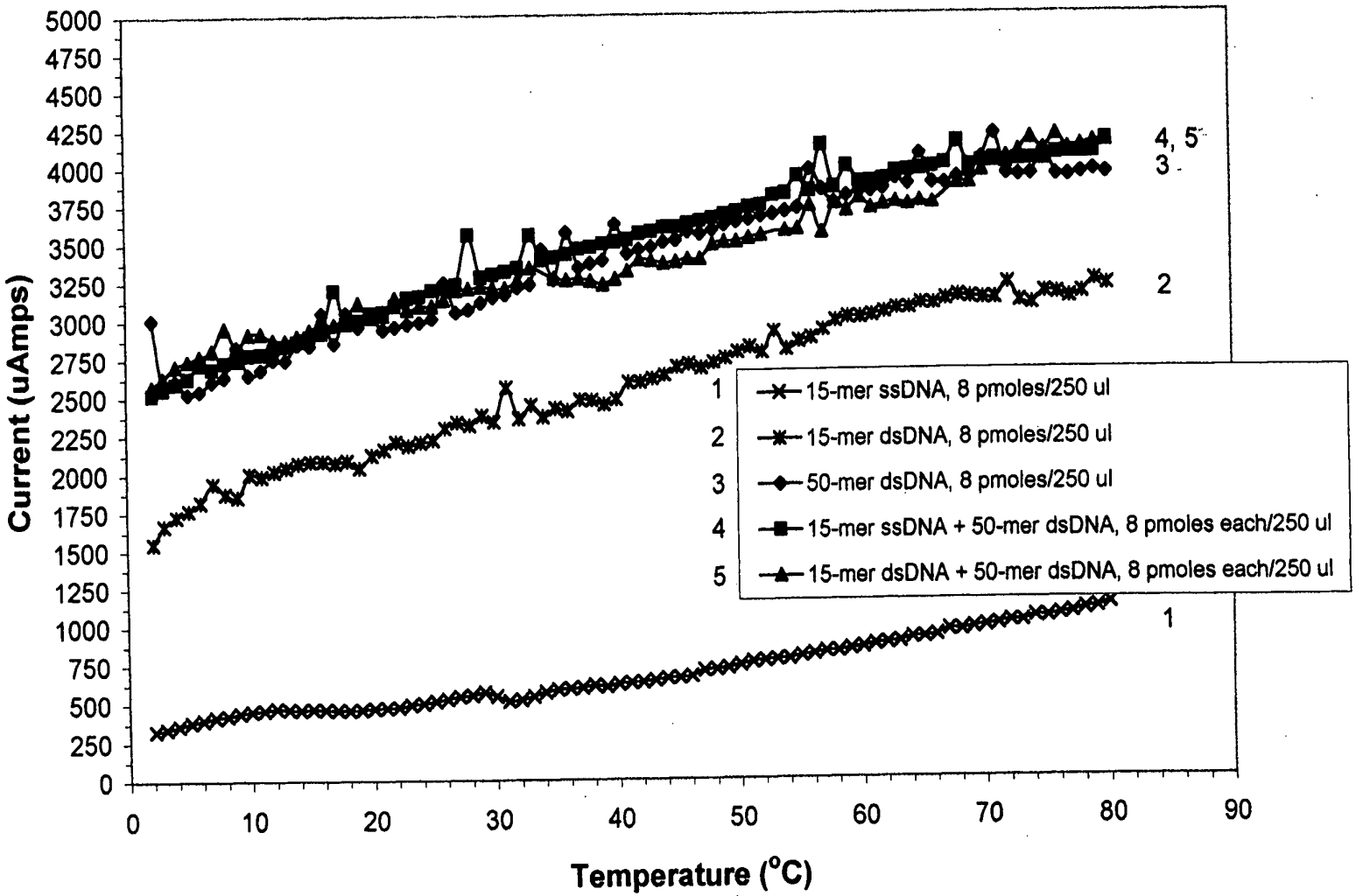

Fig. 27A. Comparison of IPA of mixes of 50-mer dsDNA with unrelated 15-mer ssDNA or unrelated 15-mer dsDNA during decreasing temperature

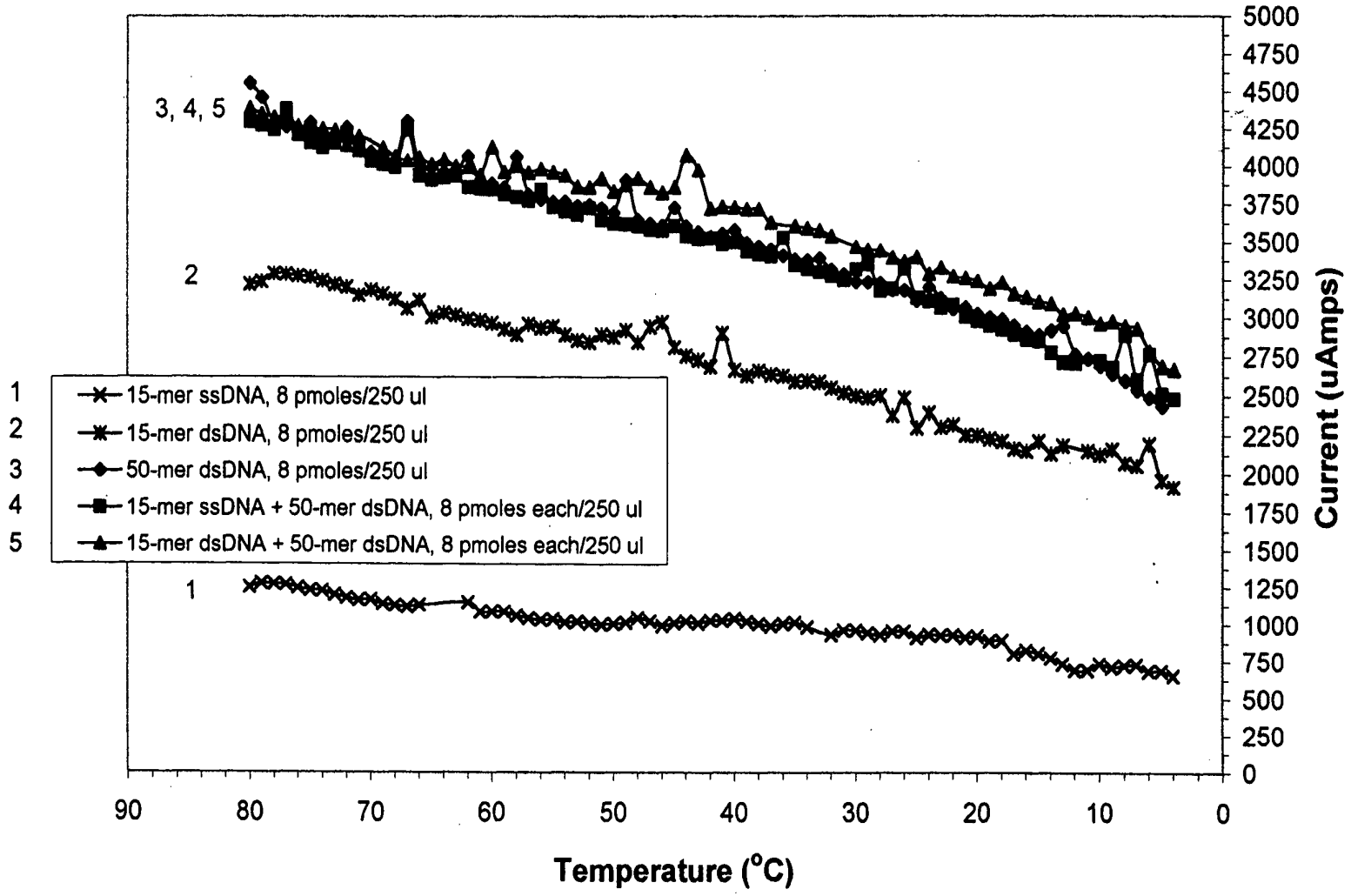

Fig. 27B. Comparison of AA of mixes of 50-mer dsDNA with unrelated 15-mer ssDNA or unrelated 15-mer dsDNA during decreasing temperature

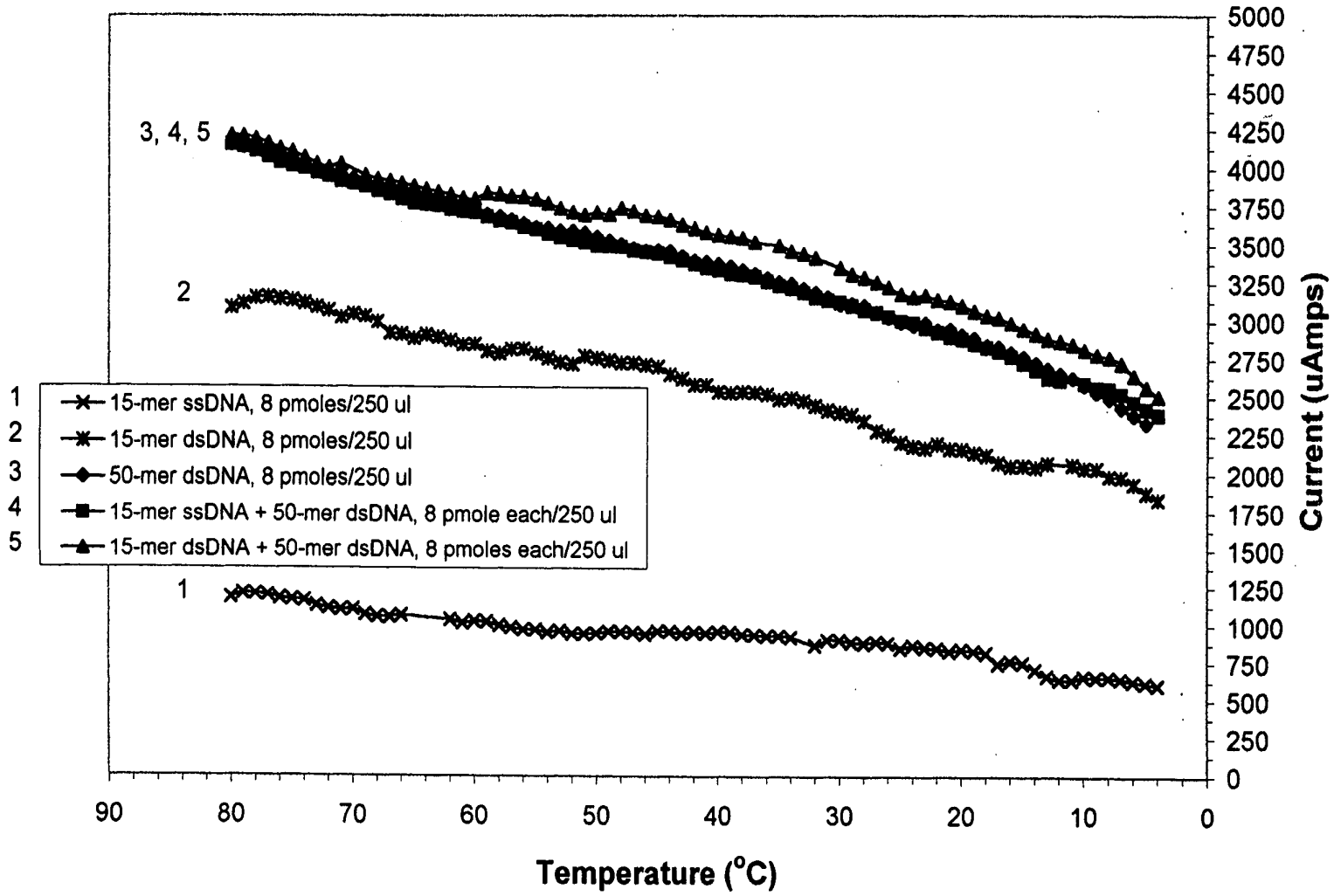

Fig. 28A. Comparison of IPA of different concentrations of 15-mer ssDNA with increasing temperature during agitation

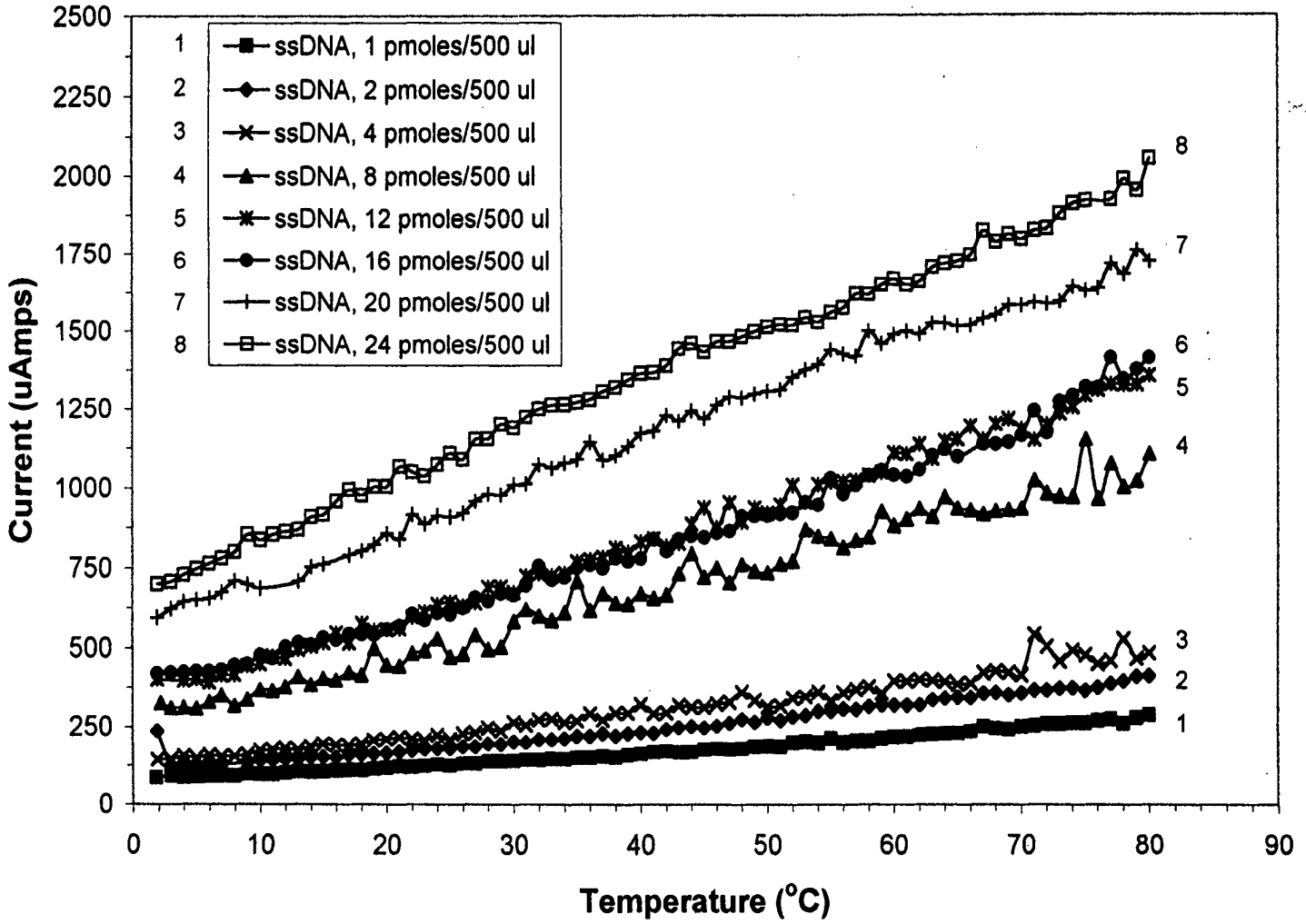

Fig. 28B. Comparison of AA of different concentrations of 15-mer ssDNA with increasing temperature during agitation

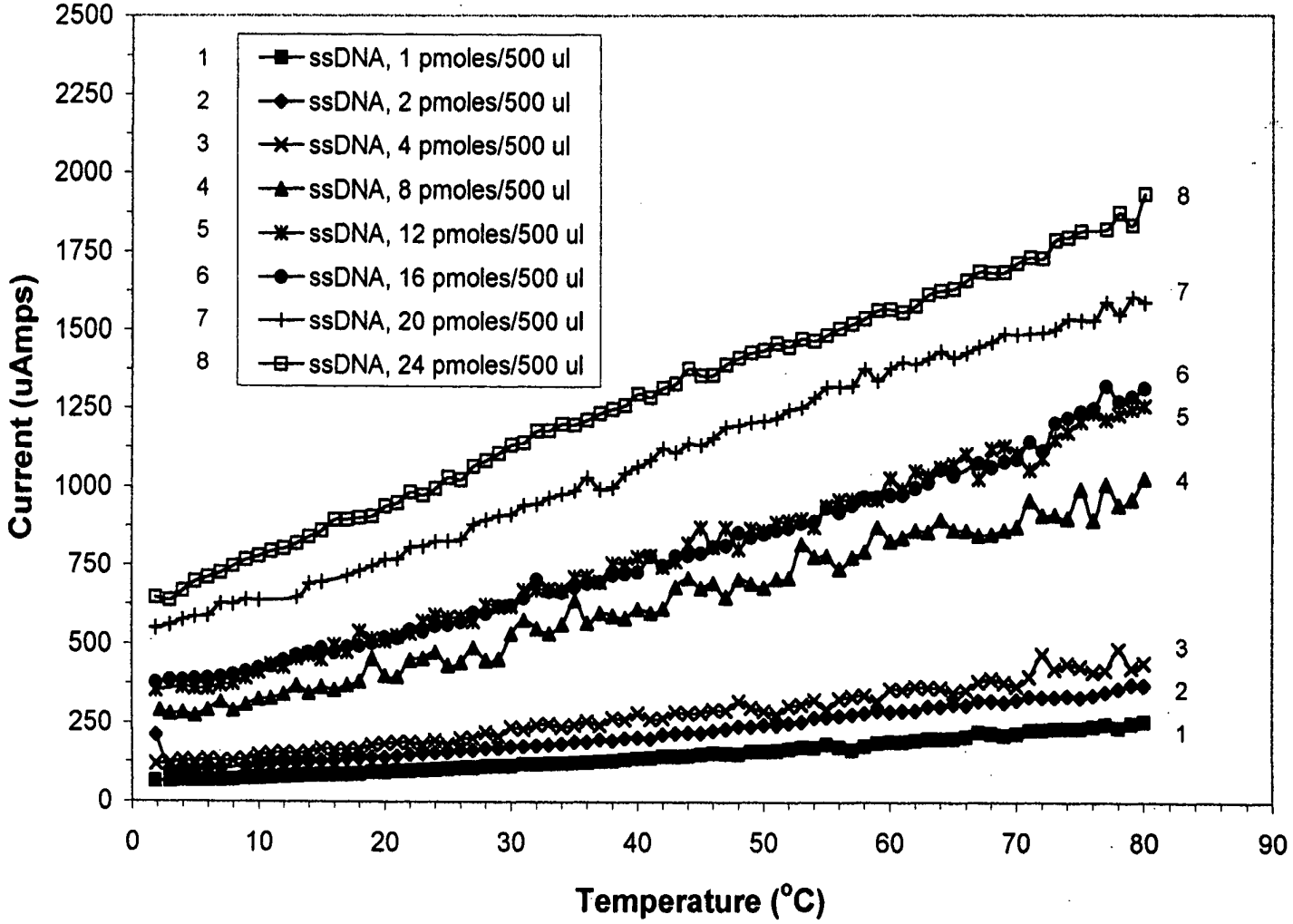

Fig. 29A. Comparison of IPA of different concentrations of 15-mer ssDNA with decreasing temperature during agitation

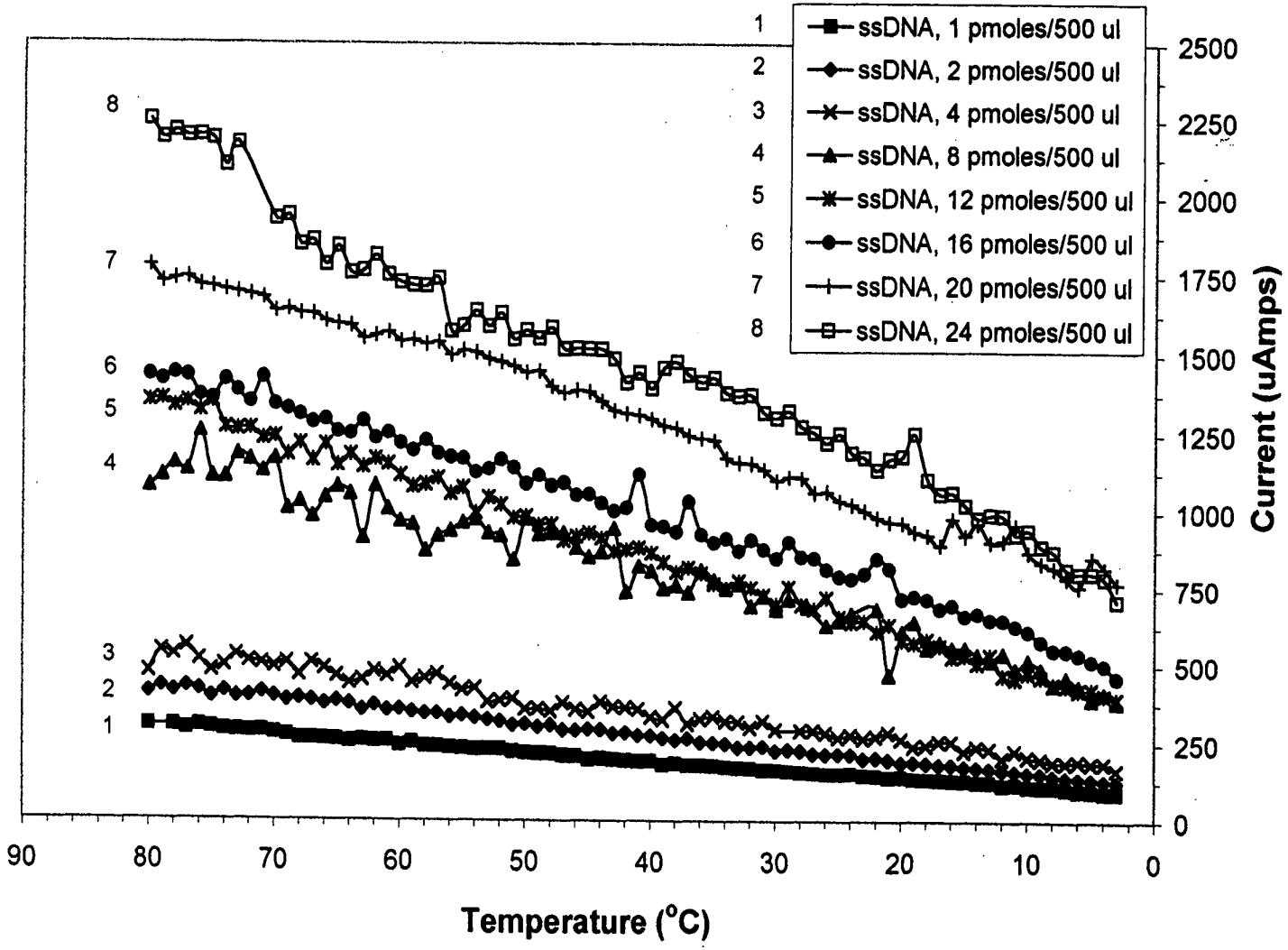

Fig. 29B. Comparison of AA of different concentrations of 15-mer ssDNA with decreasing temperature during agitation

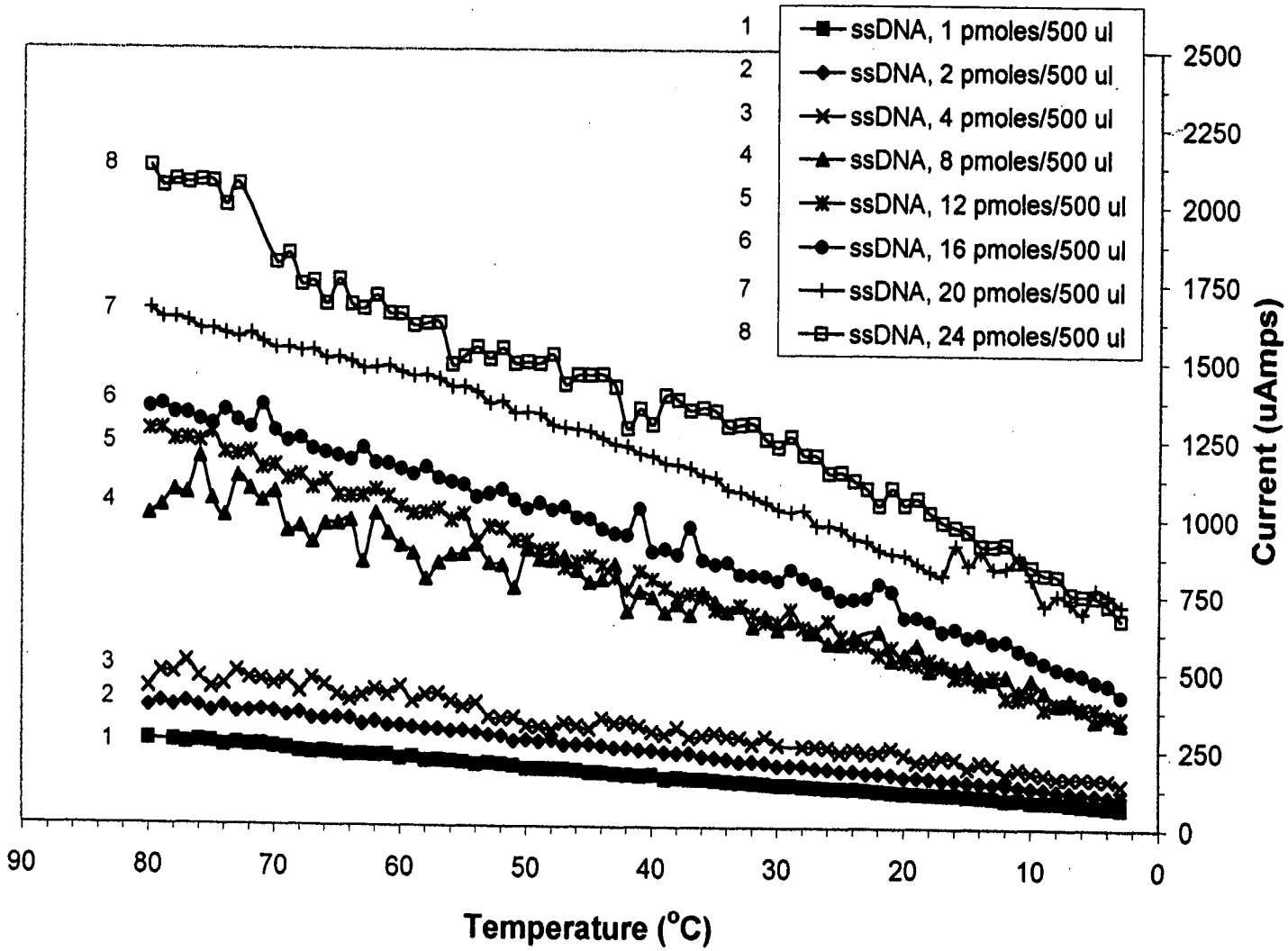

Fig. 30A. Comparison of IPA of different concentrations of 15-mer dsDNA with increasing temperature during agitation

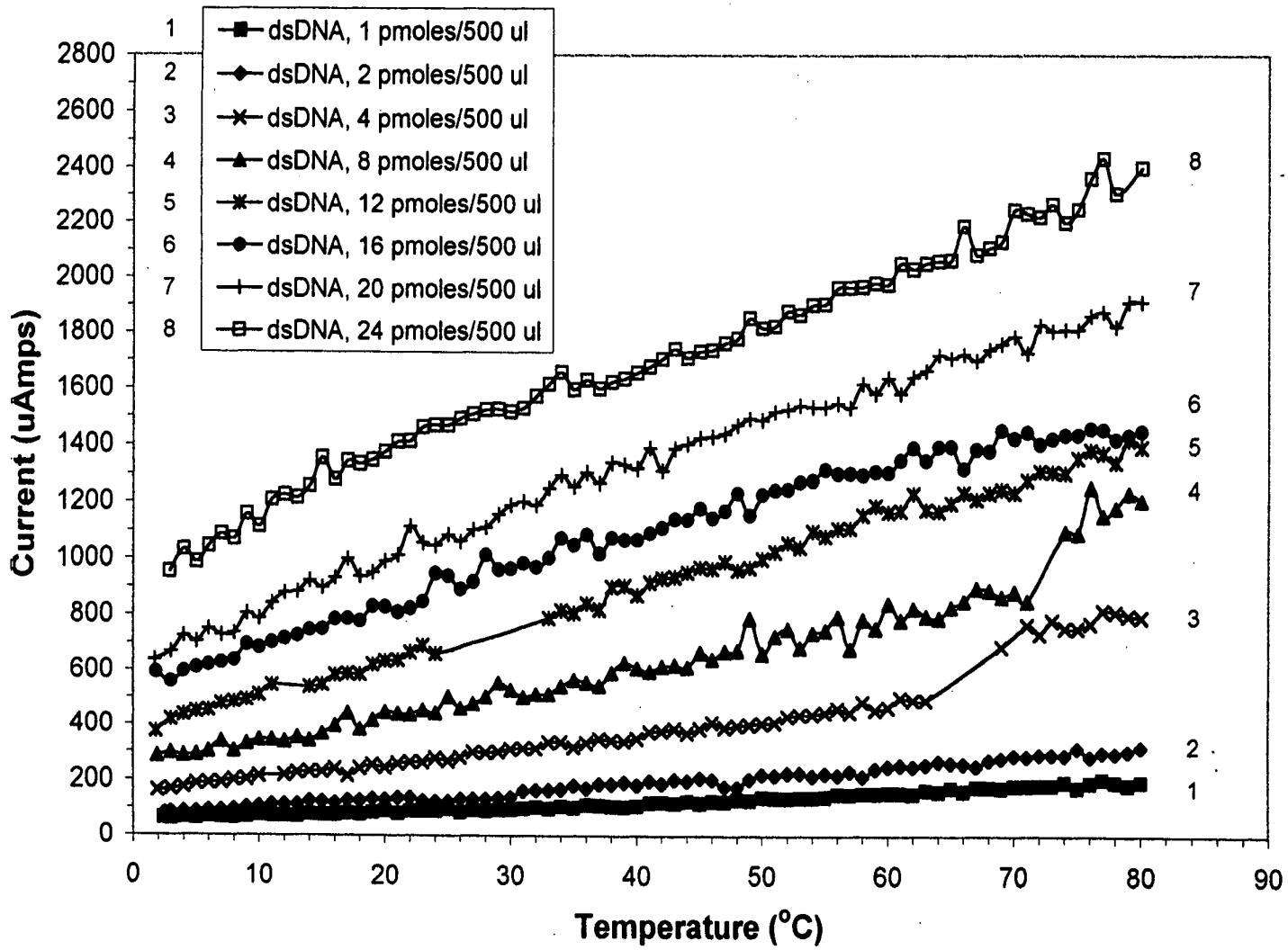

Fig. 30B. Comparison of AA of different concentrations of 15-mer dsDNA with increasing temperature during agitation

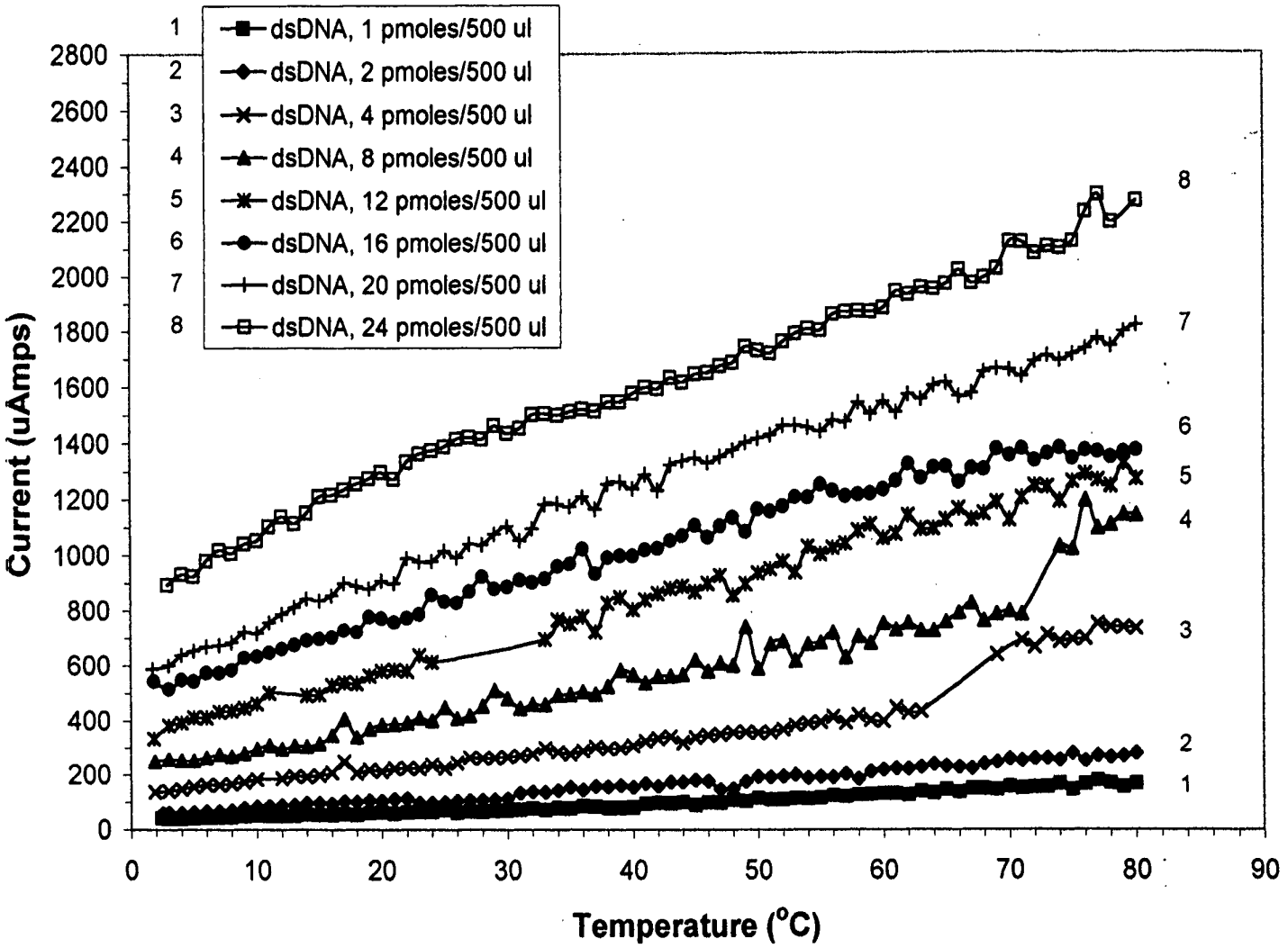

Fig. 31A. Comparison of IPA of different concentrations of 15-mer dsDNA with decreasing temperature during agitation

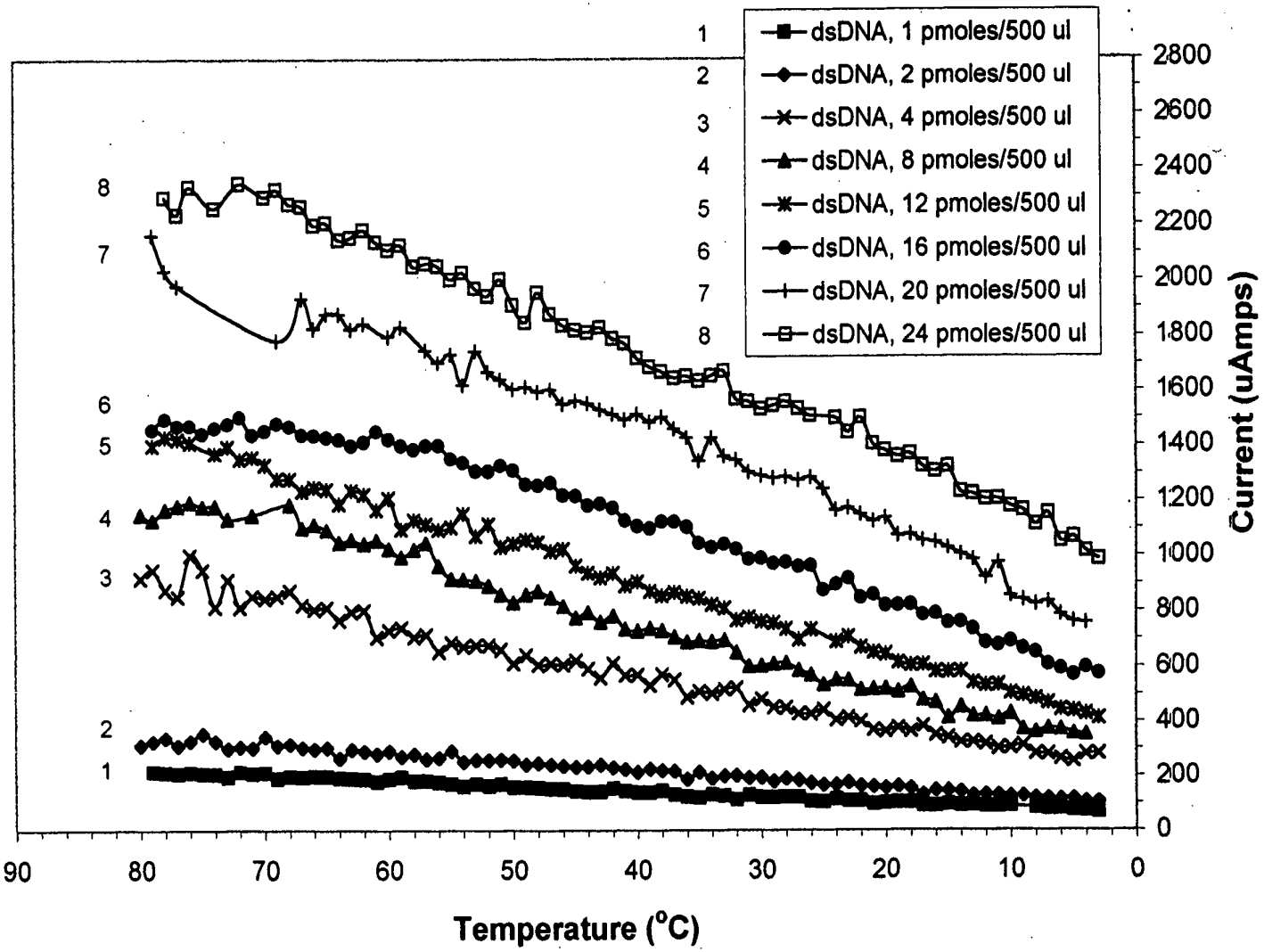

Fig. 31B. Comparison of AA of different concentrations of 15-mer dsDNA with decreasing temperature during agitation